

Book No. 12

H. A. ALLARD

FIELD COLLECTION NUMBERS

15688 - 16999

Hispaniola

SEPT. 11, 1947 to Nov. 12, 1947



- \* 15688 to 15720 inc. - Ciudad Trujillo
- \* 15721 to 15732 " Piedra Blanca
- \* 15733 - Ciudad Trujillo
- \* 15734 to 15735 - Jima Beach
- \* 15736 to 15761 - Ciudad Trujillo
- \* 15762 to 15788 - Piedra Blanca
- \* 15789 - Ciudad Trujillo
- \* 15790 - 15832 - Ozama River, marshes
- \* 15833 - 15841 - Ciudad Trujillo
- \* 15842 - 15896 - Sabana de la Rosa
- \* 15897 - 15905 - Ciudad Trujillo
- \* 15906 - 15939 - Ozama River marshes
- \* 15940 - 16041 - Sabana de la Rosa
- \* 16042 - 16050 - Colonia Ramfis at 1800 ft
- \* 16051 - Ciudad Trujillo
- \* 16052 to 16101 Pine forests, Piedra Blanca
- \* 16102 - 16171 Big Cane near Ciudad Trujillo
- \* 16172 - Piedra Blanca
- \* 16173 to 16204 Ciudad Trujillo
- \* 16205 - 16227 - Big Cane near Ciudad Trujillo
- \* 16228 to 16250 - Jima Beach
- \* 16251 to 16343 Colonia Ramfis 1800 ft
- \* 16344 to 16383 - Near Ciudad Trujillo
- \* 16384 to 16600 - Constanza and region
- \* 16601 to 16624 inc. Ciudad Trujillo

- \* 16625 to 16727 inc. Piedra Blanca
- \* 16728 to 16744 inc. Ciudad Trujillo
- \* 16745 to 16769 " Colonia Ramfis
- \* 16770 to 16878 - Ciudad Trujillo
- \* 16819 to 16999 Piedra Blanca

Allard, H. A.      Dominican Republic

1947.

Book 12.

Field Notes nos. 15688 - 16999.

50174

Manufactured by  
U. S. Government Printing Office



15688

*B. reticulata*

15688

15-688

every 4th line

155

44192

五

7

7

1

to

Ho

↓  
110

47



Leaf spots on mango leaves  
in Allard's yard, Ciudad Trujillo  
15688 Coll. Sept. 11, 1947. H.A. Allard  
Leaves yellow and fall  
in considerable quantities ✓

15689 Leaf spots on *Cajupita*  
*Anacardium occidentale* L.  
on Allard's grounds ✓  
Ciudad Trujillo, Sept. 11, 1947  
H.A. Allard

15690 Leaf spots on lime - Allard's  
grounds, Ciudad Trujillo.  
Sept. 11, 1947. H.A. Allard, ✓

15691 Leaf spots on Sandbaptree  
*Hura crepitans* L. ✓  
on Allard's grounds - Sept. 11, 1947  
H.A. Allard

15692 Lichens on bark  
of mango tree, Allard's ✓  
grounds, Ciudad Trujillo,  
Sept. 11, 1947. H.A.

15693 Same Lichens  
with # 15692  
same data ✓

15694 Bryophyta (or Hepatic)  
on mango tree - with  
# 15692 same date etc

Lichens on *Arceuthobium reticulata*  
Ciudad Trujillo  
15695 on Allard's grounds  
Sept. 11, 1947.  
H.A. Allard ✓

15696 Dimaced coffee leaves  
Piedra Blanca - April or  
May, 1947. ✓ Howard T. Allard

15697 fl. blue, small, in low  
ground along Ozama River  
1/3 mile above Ciudad Trujillo  
✓ Sept. 12, 1947. H.A. Allard

15698 *Juncus*  
several same locality with  
15697. ditto

15699 Low, creeping plant  
with # 15697 - fl. small  
+ faint bluish white. ditto

15700 Sedge. with # 15697  
white bracts (at base) ditto

15701 Grass with # 15697 ditto  
in wet meadow along  
Ozama River 1 mile or  
more above Ciudad Trujillo. 9-12/47



15702

serpinal

juncus, in low, wet ground  
along Ozama River 1-1 1/2 miles  
above Ciudad Trujillo.  
Sept. 12, 1947. H.A. Allard

15703

(1) ✓

Sedge - 3 angled stem  
with # 15702 ditto

15704

✓ (3)

Sedge  
with # 15702

15705

3 | ✓

Sedge  
with # 15702  
low, small plants

15706

Leaf spots, brown  
on Anacardium occidentale L  
Sept. 13, 1947. H.F. Allard  
(upper surface)

15707

Leaf spot on leaves  
of Anacardium occidentale L  
at H.F. Allard's, Sept. 13

15708

Lichens on A. occidentale  
branches above,  
same date, data. etc  
yellowish areas ditto

Gray

15709

Lichens on branches of  
Anacardium occidentale L, V  
Allard's grounds, Ciudad  
Trujillo, Sept. 13, H.A. Allard  
(Pammelina?)

15710

Elongate white lichen on  
same tree as # 15709 ditto  
V

15711

Gray lichen on Howard's  
mango tree bark Sept. 15, 1947 ditto  
V

15712

Lichen - Pammelina? on  
same tree with 15711 on same  
mango tree Sept. 11, 1947 ditto  
V

15713

Lichens on same tree  
with # 15711 - vivid green -  
near base of tree. ditto

15714

Grass. In old banana  
field at Ciudad Trujillo, Sept. 15, 47  
H.A. Allard

15715

Pammelina-like - have  
greenish lichen on bark of  
Anacardium occidentale  
in Allard's yard Sept. 15, 1947  
15715a V



Bluish gray or slate colored  
lichen on *Antiaridium occidentale*  
at Allard's, Ciudad Trujillo, Sept. 15, 1947  
H.A. Allard

15716

15717 White patches lichen on  
same tree bark with # 15716 ditto

15718 Black velvety patches  
of moss with # 15716 ditto

15719 Two lichens - one  
small elongate black spots  
with # 15716 ditto

15720 - Shelf fungus -  
with # 15716 ditto

15721 Leaves of Mango with  
spots (Piedra Blanca)  
Sept. 16, 1947. H.A. Allard

15722 Red flowered legume near  
rubber plantation  
very showy, Stamens long, ditto

Shrub in woods at Piedra Blanca,  
fl. white 10-15 ft tall. H.A. Allard  
Piedra Blanca  
Hl 74, Sept. 16, 1947

15723

15724 Nevea flowers & leaves  
Goodrich rubber plantation  
ditto

15725 Bauhinia  
fl. drooping, pure  
yellow. Near rubber  
grove ditto

15726 Lichens on rubber  
trees ditto

15727 Sedge, in rubber  
grove (Goodrich) ditto

15728 Grass in rubber grove  
with # 15727 ditto

15729 Sedge - 3 angled stems  
on trail near Piedra  
Blanca in damp soil ditto



Moss on hepatic, on  
tree bark in shade along  
main river near Piedra  
blanca, Sept. 16, 1947. H.A. Allard

15730

15731

Water plant; fl. white  
along roadside near  
Piedra Blanca  
abundant in water ditto  
here

15732

High climbing vine; leaves large  
10-12 in. across, long, heart shaped  
at base with very narrow sinus  
climber on tree-trunk

15733

fl. large - in clusters deep  
bilabiate purple; much branched. Sept 20  
C.T.

15734

Small tree in yard, not clear  
covered with dense foliage, yellowish at base  
lined with brownish lines - petals 5, H.A. Allard  
Cinco de Mayo, Sept. 20, 1947.  
Leaf spatulate on sea grape  
Haina Beach - Sept. 21, 1947  
H.A. Allard

15735

Walk on leaf of sea grape  
Haina Beach Sept. 21, 1947  
H.A. Allard

15736

Sedge  
Cinco de Mayo, Sept. 25, 1947  
H.A. Allard

Sedge near  
with # 15736 - 9-25-47  
H.A. Allard

15737

15738

Low grass for Allard's lawn  
with # 15737  
9-25-47  
H.A. Allard

15739

Grass with  
# 15737.  
same date etc.

15740

Tall grass - 5-6 ft  
in clumps, in waste  
ground near # 15737  
same date, ligule  
having

15741

Grass. In lawn  
with # 15737.  
soon shagbells fall from rachis,  
same data etc

15742

Shrub - small white fl.  
waste ground in limestone outcrops  
near airport, Sept 26, 1947  
H.A. Allard

15743

Shrub - red flowers  
showy  
near # 15743 ditto



15744

Grass - on limestone  
outcrop - Ciudad Trujillo  
near airport (with # 15744)  
Sept 26, 1947. H.A. Allard

15745

Red fl. - *Ipomoea*  
with # 15744 ditto  
Very attractive.

15746

Purple *Anthracae*  
with # 15744 ditto  
Frequent in coastal area

15747

Herb - tall white fl  
long pods. with # 15744 ditto

15748

White flowered -  
trailing - narrow petals  
with # 15744 ditto

15749

bulb - ~~rose~~ pink  
flowers - scape near ditto  
with # 15744  
*Zephyranthes*  
*bifolia*  
Very showy - large flowers  
(D. ~~new~~ ~~rosado~~)

15750

Grass climbing in  
brushy waste land west of  
Ciudad Trujillo Sept. 26, 1947 ditto

15751

Grass *Paspalum*  
with # 15744 - Sept. 26, 1947  
H.A. Allard

15752

Grass - *Paspalum*  
On caliche soil, Ciudad  
Trujillo, near # 15749.  
Sept. 26, 1947. H.A. Allard.

15753

Moss on thin soil on  
caliche rocks near  
# 15749. Sept. 26, 1947  
H.A. Allard

15754

Plant in lawn - a weed  
✓ fl yellow - prostrate - Sept. 28, 47  
Ciudad Trujillo H.A. Allard

15755

Tree Rose fl. rose purple  
Sept. 28, 1947, at Country Club  
H.A. Allard

15756

Small flowered composite  
yellow on golf course at  
Country Club 9/28/47. H.A. Allard

15757

Mistletoe - on  
Rose lie on 15755; also  
on *Casuarina*. Near # 15754  
Sept. 28, 1947 H.A. Allard



Bulbous plant in sand  
at country club - yellow fl.  
*Leptanthes* 9/28/47  
15758 H.A. Allard  
very common - almost a weed  
and escape,

15759 fig - large tree at  
country club 9/28/47  
✓ A large tree H.A. Allard

15760 *Solanum* - at Grey  
country club - Sept. 28, 1947  
✓ H.A. Allard 6 ft. fl. white

15761 *Bixa* - fl. lilac -  
Piedra Blanca - in thicket  
Sept. 30, 1947  
H.A. Allard

15762 woody vine on Maimon River  
Piedra Blanca - near bridge  
Sept. 30, 1947  
fl. white H.A. Allard

15763 Mint - fl. small, white  
5-6 ft tall - herb. on Maimon River  
Piedra Blanca - near # 15762  
ditto

15764 *Eichornia crassipes* ? fl. purplish  
on Maimon River near bridge, blue,  
Piedra Blanca ditto

Near Maimon River in  
red soil - Piedra Blanca  
edge 9/30/47  
H.A. Allard

15765  
✓ 111

15766 Herb 3-4 ft. fl. white  
in moist soil on trail  
near Piedra Blanca  
Sept. 30, 1947 ditto

15767 Tree 20-30 ft. tall  
fl. white  
near # 15766 ditto

15768 *Desmodium* - running stems  
fl. nearly crimson  
in thicket and along trail  
near # 15766. common ditto

15769 *Desmodium* - fl. purplish  
prostrate & ascending,  
with # 15768 ditto

15770 *Pharus glaber* HBK.  
on trail near # 15769  
erect stems; frequent ditto

15771 Shrub 4-5 ft. fl. white  
on trail near # 15769  
frequent  
stamens purple ditto



Andropogon - 5-6 ft -  
In thickets on trail near Piedra  
Blanca, 9/30/47, H.A. Allard

15772

15773

Paspalum  
along trail near # 15772 ditto  
single spikes

15774

Shrub 8-10 ft - small  
tree; brist purple,  
Near # 15772 ditto  
glabrous, coarsely serrate leaves,

15775

Scleria 2-4 ft.  
on trail near # 15772 ditto

15776

Paspalum - spikes turning  
2-3 ft. Near # 15772 ditto

15777

Paspalum. spikes scattered  
2-3 ft. Near # 15772 ditto

15778

Sedge.  
Damp soil on trail near 15772 ditto

15779

Tall Paspalum 2-3 ft.  
very hairy sheaths. On trail  
near Piedra Blanca in  
woods Sept. 30, 1947. H.A. Allard

15780

Paspalum ditto  
Near # 15779  
spikes scattered

15781

Near # 15779 ditto  
very common

15782

Desmodium  
ascending - fl purplish  
on trail near # 15779 ditto

15783

Desmodium  
ascending - fl red  
on trail near # 15779 ditto

15784

Sedge  
on trail near # 15779 ditto

15785

Desmodium  
ascending stems  
fl. purplish. on trail  
near # 15779. frequent ditto



15786 Moss on Calabash Tree  
Near Piedra Blanca near  
main on River 9/30, 47  
H.A. Allard

15787 Euphorbia - tree  
leaves succulent - leaves  
much decid. - tree.  
Near Piedra Blanca - yard  
9/30/47 H.A. Allard  
15 ft tall.

15788 Sonardia fasciculata  
On Santa highway at Kil. 37  
9/30/47. H.A. Allard  
fl. deep rose. Few plants  
(rare)

15790 Amaranthus  
Oct 2, 1947  
H.A. Allard

15791 Mint - 5-6 ft. fl. deep rose pink  
In swale along Ozama River 2-3 miles  
above Ciudad Trujillo - on bank  
Oct 2, 1947. H.A. Allard

15792 Sagittaria  
leaves broad, in swam  
Low, wet river marsh near #15790

15792 Small plant with white stem  
5-6 feet. In drier ground  
near #15790 ditto  
ditto

Acalypha - white fl.  
On banks of Ozama River 2-3 miles  
above Ciudad Trujillo. Oct. 2, 1947  
H.A. Allard

15793

15794 Psopaleum - spikes single  
Damp soil near #15793 ditto

15795 Grass - Andropogon  
In marsh of Ozama River above  
5-6 ft tall, ditto

15796 Compositae - small fl., white fl.  
In marsh with #15795 ditto

15797 Sedge  
In wet soil near #15795 ditto

15798 Leaves of almendra tree  
with leaf spots ditto  
Near #15795

15799 Small, low, small, erect plant.  
fl. white. In drier ground  
edge of marsh above ditto



Reimachloa or Paspalum in wet  
soil along Ogawa River marsh 2-3 miles  
above mouth Oct. 2, 1947  
15800 H.A. Allard,  
spikelets often discolored yellow

15801 Shrubby - yellow flowered  
in marsh above  
Evening Primrose farm, ditto

15802 same location  
near # 15801 ditto

15803 Cyperaceae  
Very damp, heavy soil  
near # 15801 ditto

15804 Sedge  
in muddy soil  
in above marsh ditto

15805 Cyperaceae  
in muddy soil with  
#15801 ditto

15806 Cyperaceae  
in wet soil with #15801 ditto

Cyperaceae  
in muddy, swale along  
Ogawa River along mouth  
2-3 miles Oct. 2, 1947  
15807 H.A. Allard

15808 Paspalum - single spikelets  
very slender leaves, narrow  
in drier soil on edge of  
marsh in clumps, ditto

15809 Sedge  
in muddy soil in  
marsh above, ditto

15810 Grass -  
in wet soil near #15808 ditto

15811 Sedge  
in wet soil with 15809 ditto

15812 Sedge  
in wet, muddy soil with  
#15809 ditto

15813 Sagittaria -  
narrow leaves  
in muddy soil near  
#15809 ditto

15814 *Cyperus*  
In marsh along Ozama River  
2-3 miles from mouth  
Oct. 2, 1947  
H. A. Allard  
In mud and water

15815 Sedge  
with # 15814 ditto

15816 Tall *Paspalum*  
In red soil in above  
marsh. ditto

15817 *Cyperus*  
White leaves  
In mud and water in  
above marsh. ditto

15818 Grass  
In marsh (red) with  
# 15817 ditto

15819 *Paspalum*  
In red soil in same  
marsh with # 15817  
spikes panicled. ditto

15820 *Mikania* - fl white, fragrant.  
In full bloom. Trailing over  
grass and herbage in red muddy  
soil with # 15817.

Shrubby - yellow flowers  
Evening Primrose fam.  
In red, muddy soil  
along Ozama River 2-3 miles  
from mouth, Oct. 2, 1947  
H. A. Allard

15821

15822 Sedge  
In red soil with  
# 15821 - ditto

15823 Sedge  
with # 15821  
red soil ditto

15824 Sedge  
with # 15821  
In red soil ditto

15825 Sedge  
In muddy soil with  
# 15821 ditto

15826 Sedge  
In mud with  
# 15821 ditto

15827 Sedge  
In mud with  
# 15821 ditto



yellow flowered Composite  
in marshes along  
15828 Ogama River 2-3 miles  
from mouth, Oct 2, 1947  
H.A. Allard  
✓ common

15829 Herb - 1-2 ft. tall ditto  
✓ in moist soil near  
# 15828; fl. small, blue.

15830 Low, creeping, matted  
Plant with white flowers  
✓ in bogs along Ogama River ditto  
in damp soil on edge of  
marsh only. Very abundant

15831 Tall Paspalum  
in marsh with # 15828 ditto  
Plant A

15832 Paspalum  
near # 15828 ditto  
Plant B

15833 Ornamental  
Very showy - hairy pale - pink  
fl. in umbels. Oct. 5, 1947  
H.A. Allard

15834 Weed in Allard's grounds  
✓ fl. small, white; elongate  
buds Oct. 5, 1947  
H.A. Allard

Common weed in all  
grounds - fl. small when advancing  
small - fl. pinkish  
Oct. 5, 1947  
H.A. Allard

15835

15835a fern

15836 sedge in lawn  
of Ciudad Trujillo -  
✓ allard's lawn. Oct. 5, 47  
Intersecting H.A. Allard

15837 weed -  
✓ allard's lawn  
Ciudad Trujillo -  
bl. pinkish Oct. 5 ditto

15838 Grass - low - in allard's  
lawn Panicum  
Oct. 5, 1947 ditto

15839 Grass - allard's lawn  
low Panicum  
Oct 5 ditto

15840 Setaria  
in allard's lawn ditto

15841 Panicum maximum  
✓ Guinea grass  
waste grounds  
Ciudad Trujillo ditto

15842

Orchid - bl white 3-3 1/2 feet tall  
In arroyo - Sabana de Rosa  
Rd 28, Buena Vista Highway  
epiphytic on tree Oct. 5, 1947  
H.A. Allard

✓

15843

Cuscuton on tree, leaves  
Near # 15842

ditto

15844

\* Vine on shrubs, etc  
In arroyo near # 15842  
winged fruits - white

ditto

15845

Scleria  
Sandy soil with # 15842

ditto

15846

Eragrostis  
Sandy, sterile soil near # 15842

ditto

15847

Sedge -  
Sandy, sterile soil with # 15846

ditto

15848

For herb - fl orange -  
leaves narrow -  
with # 15846

ditto

15849

Grass - Panicum  
very slender, tufted - single  
short spike! Dry, sterile  
Soil with # 15846  
Sabana de la Rosa  
near Rd 28, Oct. 5, 1947  
H.A. Allard

15850

Sedge - in damp  
leaves very slender  
with # 15849

ditto

15851

Grass Panicum  
Decumbent -  
In arroyo near # 15842  
moist, shady soil  
Very persistent

ditto

15852

White flowered herb -  
fl in dense heads  
Leaves very persistent beneath  
In dry soil with # 15849

ditto

15853

Tall sedge - In moist  
soil in arroyo near # 15842

ditto

15854

Deep rose purple fl -  
Small, four herb -

ditto

15855

Shrub - with pure white  
berries in purple saucers  
4-5 feet, in moist arroyo  
with # 15849

ditto



15856

Shrub - 4-5 feet  
in arroyo at #28  
Sabana de Santa Rosa,  
Oct. 5 - 1947

Ha. Allard

fruit yellowish  
capsule

15857

Low terrestrial orchid  
In arroyo near # 15856  
Flowers greenish

ditto

15858

Epiphyte - in fruit,  
on old shrubs in damp  
arroyo with # 15856

ditto

15859

Slender shrub  
whitish flowers  
leaves chartreuse

In arroyo near # 15856

ditto

15860

Shrub - white fl -  
purple berries - Hicaco  
Chupothamnus - berries edible  
large as grapes

ditto

15861

Sedge - Very slender  
Damp, sterile soil near  
# 15856.

ditto

15862

Sedge - In wet soil  
in arroyo with 15856

ditto

15863

Sedge - In wet  
soil near # 15862  
Oct. 5 -

# 28 - Sabana de Rosa

15864

Sedge -  
In damp soil near # 15862

15865

Sedge  
Damp soil in wash  
near # 15862

ditto

15866

Sedge -  
In dry soil near  
# 15862

ditto

15867

Scrambling geophyte  
In moist soil in arroyo  
with 15856

ditto

15868

Shrub in  
arroyo with # 15856  
greenish fl & green fruit

ditto

15869

Shrub -  
whitish flowers in panicle  
scallop leaves -  
coarsely serrate toothed  
Near # 15856

ditto

15870 Tiny low panicum, in  
sterile dry soil near Km 28-Duarte  
Highway on Sabana de Pasca  
enfoque Oct. 5, 1947  
H.A. Allard

15871 Shrub - with bright leaves  
at tip. Fringed with purple  
long. line. In array  
near # 15870

15872 Perfoliate  
In array near 15870 ditto  
leaf blade edge very scaly

15873 Tiny low panicum  
beard white. In very dense  
array, 4-5m tall  
in dry soil near 15870

15874 Shrub, fl. purple  
leaves panicum-like  
petals with longitudinal dark  
lines Near 15870 ditto

15875 Rubiaceae -  
Prostrate to ascending  
flood side near Km 28-Duarte  
highway, fl white Oct 5

15876 Low herbaceous  
yellow fl. In soil near  
Km 28 - Transiting ditto

Grass - annual - <sup>striate</sup>  
and tips of glumes crimson  
in dry soil at Km 28 - sterile  
soil in stony pasture,  
an attractive little grass  
Oct. 5, 1947  
H.A. Allard

15877 ditto  
with # 15877

15878 ditto

15879 Low herb - reddish or  
purplish red fl.  
in sterile open soil with  
# 15877 ditto

15880 Perfoliate  
In sterile soil with  
# 15877 ditto

15881 Low slender herb  
bl. rose purple  
leaves narrow with # 15879 ditto

15882 Low herb with # 15877 ditto  
leaves opposite  
bl deep rose red or purplish  
red

15883 Herb - low  
white fl. in dense heads  
leaves verticillate  
with # 15877 ditto



15884

Delicate, slender  
Euphorbiaceum plant;  
fl white, tiny, in dry,  
sterile soil near Kl 28 - in  
Sabana de Pasa. Oct 5, 1947  
H.A. Allard

15885

Sedge  
with # 15884

ditto

15886

Sedge  
with # 15884

ditto

15887

Low herb  
fl orange  
leaves elongate  
with # 15884

ditto

15888

Sedge 2  
with # 15884

ditto

15889

Sedge  
Ayperis?  
with # 15884

ditto

15890

Grass - slender  
on sterile ground  
with # 15884

ditto

15891

Grass - slender  
with # 15884

15892

Shrubby, low -  
Flowers purple  
Very brown hairy  
with # 15884

ditto

15893

Shrub  
Perianths of yellow fl, ditto  
Roadside bank near Kl 28,  
Santa highway

15894

Vine on shrubby etc.  
fl large, yellow, showy  
near # 15893

ditto

15895

Shrub - escape  
Along Santa highway  
near Kl. 20  
fl large, white, showy

ditto

15896

Grassy herb  
fl in racemes  
with 15884

ditto

15897

Paspalum, waste ground  
Cordoba, Uruguay near Embassy  
H.A. Allard Oct 6, 1947

Lantana - orange red fl.  
waste ground, Ciudad Trujillo  
west of American Embassy

15898

Oct. 6, 1947  
H.A. Allard

15899

Auricularia - large blue purple  
flowers - waste ground  
with # 15898; common here ditto

15900

Creeper plant - small  
rounded leaves; white flowers  
waste ground near # 15898 ditto

15901

Grass - with # 15898 ditto

15902

Panicum  
waste ground with # 15898 ditto

15903

Legume - fl. yellow  
Pods present - bushy,  
shrub or small tree  
Near # 15898 ditto

15904

Grass - in waste  
ground with # 15898 ditto

Grass in alluvial soil  
Ciudad Trujillo. Oct 7, 47  
H.A. Allard

15905

15906 Shrub - to small tree  
long edge of marsh along  
Ozama River 2-3 miles  
from mouth Oct. 7, 1947  
Flowers small, white, axillary  
H.A. Allard

15907

Slimy grass  
on edge of marsh in  
drier soil - near # 15906 ditto

15908

Mikania - fl. white,  
grassy, in marsh  
red soil near # 15906 ditto

15909

Tall shrub - 10-15 ft  
Leaves bright shining green  
entire; fl. white, tubular, fragrant  
Near # 15906, in drier ground ditto

15910

Shrub or small tree  
near # 15906; Pendent  
racemes of red, bitter fruit ditto  
Leaves compound

15911

Tree - all over  
Ternstroemia catappa L  
fl. white in long, slender  
racemes - ditto  
Near # 15906



Vine, climbing over shrubs.  
Flowers very pubescent, green.  
Along banks of Ozama River flats  
15912 2-3 miles from mouth.  
Oct. 7, 1947

✓ See 15844 for fruit.  
H.A. Allard

15913 Shrub - fl. red, in  
dense canebrake - growing  
leaves entire - broadly ovate.  
Near # 15912 - ditto  
in rocky soil

15914 Shrub - fl. yellow  
leaves narrow - in red  
soil of marsh above. ditto

15915 Herb 3-4 ft. in red  
soil near # 15914. fl. rose  
✓ deep rose. Composite ditto

15916 Shrub - legume -  
fl. yellow - pods ditto  
Near # 15912 - edge  
of marsh. 4-5 ft.

15917 Cyperaceae - low - in  
mud and water near ditto  
# 15915

15918 Atriplex - fl. white  
On edge of marsh near  
# 15915 ditto

15919 4-5 ft.  
H.A. Allard  
Oct. 7, 1947  
Ozama marsh near  
# 15915

15920 Cyperaceae  
In mud near # ditto  
15915

15921 Cyperaceae - small ditto  
In mud near 15915  
✓

15922 Cyperaceae  
In mud near 15915 ditto  
✓ In mud

15923 Cyperaceae  
Near 15915 ditto  
✓ In mud

15924 Shrub -  
✓ On drier banks near ditto  
# 15915

15925 Paspalum  
Single -  
On banks near # 15915 ditto  
In dense clump

15926

Cyperaceae, in wet  
soil, mud etc., in  
marsh along Ogawa  
River - 2-3 miles from  
mouth, Oct. 7, 1947  
also dissected H.A. Allard

15927

Herb with long, slender  
pure white tubular flower  
Very coarse, dentate leaves.  
In dry soil on edge of marsh.  
Sedge 2 feet tall.

15928

In mud near 15926

15929

Sedge  
In mud and water  
near # 15926

15930

Small Cyperaceae  
In damp soil near  
15926

15931

Shrubby -  
Lantana, fl. lilac  
3-5 ft. on bank  
near bridge over  
Ogawa River near 15926

15932

Sagittaria - In  
mud & water. Near 15926

15933

Sagittaria? In water  
near # 15932 Very large  
leaves,  
5-6 ft. tall. Oct. 7, 47  
(Leaves dissected) H.A. Allard  
also

15934

Sagittaria  
In water & mud near  
# 15933 ditto

15935

Purple fl. Lantana  
In grass on Sabana de la  
at Pl. 28, Oct 11, 1947 Rosa  
H.A. Allard

15936

Low herbaceous  
with # 15936  
Prostrate; fl. whitish  
to pinkish. ditto

15937

Yellow fl. vine - fl.  
large. In thicket near  
# 15936 ditto

15938

Low herbaceous  
fl. yellow  
Near # 15936  
Slender pods. ditto

15939

Low vine Cyperaceae  
In grass with # 15936 ditto



15940

Red flowered legume  
any waste ground on Sabana  
de los Pasa, R. 28, at  
left of Santa highway.  
toward Haina River 1 1/2 miles  
Oct 11, 1947 H. A. Gilman  
Base mostly

15941

Herbaceous plant  
somewhat succulent; fl. reddish  
purple. In grass near  
# 15940 ditto

15942

woolly, woody long plant  
fl. purplish. with # 15940 ditto

15943

Pinkish flowers; slender  
In meadow near # 15940 ditto

15944

Long herbaceous  
not woody; fl. yellow.  
with # 15940 ditto

15945

Euphorbiaceae  
Slender; fl. white.  
with # 15940 ditto

15946

Cyperaceae  
Triangular stems  
In mud near # 15940  
In wet arroyo in pasture ditto

Cyperaceae  
with # 15946

15947

15948

Cyperaceae  
with # 15946 ditto

15949

Cyperaceae  
with # 15946 ditto

15950

Cyperaceae  
with # 15946 ditto

15951

Cyperaceae  
with # 15946 ditto

15952

Cyperaceae  
with # 15946 ditto

15953

reddish  
fl. purplish  
In mud with #  
15946 ditto

same  
loc.  
etc

15954

In muddy arroyo Pasajero  
In Sabana de la Basa - 5 mi  
1 1/2 miles from Suarito  
highway, Rd 28, on  
fork joint of the road to  
Haina River. Oct 11, 1947  
Haina River

15955

Lichens on  
tree trunks in arroyo  
near # 15954

15956

Lichens on  
trees near # 15954

15957

Mosses on tree trunks  
near # 15954

15957a

lichen near # 15954

15958

Lichens on  
tree trunks with  
# 15954

15959

Parmelia etc, yellowish  
green

15960

Moss light green  
on bank of arroyo on  
decayed wood near #  
# 15954  
mosses, hepatics on  
tree trunks in arroyo  
near # 15954

15961

Vine, high up in  
trees, fl small whitish  
In arroyo near  
# 15960 same  
date etc

15962

In arroyo  
Andropogon near  
# 15954 ditto

15963

Gynerium  
In mud near  
# 15954 ditto

15964

Parmeliad  
on top of tree trunk  
growing in fl. small ditto  
Near # 15954

15965

Leaves pathological

15966a

Moss on muddy bank  
of arroyo near # 15964 ditto

15966

Mosses - Hepatics

15966a

on tree trunks near  
# 15964 ditto

15967

Lichens  
on tree trunks  
near # 15964 ditto



Lichens on base of various  
tree trunks in arroyo  
between Santa Highway  
at Km 28 and Hainag  
River, in Sabana de la  
Rosa, Oct 11, 1947 V  
H. A. Allard

15968

Lichens on tree  
trunks with # 15968 ditto

15969

Mosses, hepatics  
on tree trunks and branches  
of trees with # 15968 ditto

15970

Lichens  
on tree trunks  
near # 15968 V ditto

15971

Lichens on  
tree trunks near  
# 15968 V ditto

15972

Lichens on tree  
trunks near # 15968 ditto

15973

Lichens on trees  
etc near # 15968 V ditto

Sedge, in  
mud in arroyo  
near # 15968

15974

15975

Sedge, in  
mud in arroyo  
with stream near #  
15968

15976

Scleria  
in mud in arroyo  
with # 15968 ditto

15977

Scrambling  
grass growing  
over shrubs,  
with # 15968 ditto

15978

In wooded section  
of arroyo,

15979

Growing herb on  
red banks in shaded  
arroyo with # 15978 ditto  
pl. thick, fruit blue.

15980

Mosses, hepatics  
in arroyo near # 15978 ditto

15981

Mosses, hepatics  
on tree trunks near  
# 15980 ditto

Lichens - Parmelia 2  
on tree trunks in arroyo  
near # 15980

15982

grape  
darker  
etc

15983

# Parmelia 3  
on tree trunks  
near # 15982 ditto

15984

Nephrolepis or mosses  
near # 15982 ditto

15985

Mosses, lichens etc  
on trees near # 15982 ditto

15986

yellow fl. tree  
in pasture near  
# 15985 ditto

15987

moss near  
# 15985  
in damp soil in red  
garry arroyo ditto

15988

Cladonia on  
old trunks in arroyo  
near # 15982 ditto

Mosses - hepaticae  
on tree trunks  
near 15982

15989

orange  
darker  
darker

15990

Lichens - mosses  
on tree trunks  
near # 15982 ditto

15990a

lichens

15991

Mosses - hepaticae  
near # 15982 ditto  
on trees

15992

Lichens on tree  
trunks near # 15982 ditto

15992a

lichens

15993

Mosses - hepaticae  
on trees etc near  
# 15982 ditto

15994

Lichens on  
trees near  
# 15982 ditto

15995

Mosses - hepaticae  
on tree trunks near  
# 15982 ditto



Mosses, hepatic  
in arroyo 1 1/2 miles  
from Ill. 28 on Dugarte  
highway toward Sabana  
Haina River on Sabana  
de la Pasa. Oct 11, '17  
H.A. Allard

15996  
15997 Mosses, hepatic  
on trees in arroyo  
near # 15996 ditto ✓

15998 Lichens etc  
on trees near # 15996 ditto ✓

15999 Huge vine scrambling  
over trees in arroyo  
near # 15996 ditto ✓  
Protein flower, sap biting.

16000 Mosses - hepatic  
on trees near # 15996 ditto ✓

16001 Grass, low tufts  
arroyo in water  
near # 15996 of deep ditto ✓

16002 Orchid on tree  
with long spots ✓  
Path, near # 15996 ditto

Cyperaceae  
in arroyo in same  
wood near # 16001 data

16003  
16004 Piperaceae  
in arroyo near ditto  
# 16001

16005 Tiny sedge  
on bank in  
arroyo near ditto  
# 16001

16006 Cladonia  
on bark of tree ✓ ditto  
near # 16001

16007 Moss  
on tree near # 16001 ditto

16008 Legume - high  
climbing - white fl  
in arroyo, near ditto  
# 16001

16009 Sedge  
in arroyo, near  
# 16001 dry soil

16010

Rufous-orange fl. white  
In dry Sabana de la Pasa  
near Dnaya Highway  
Hl 28 - 1 1/2 miles retraced  
in end Haima River

O. Y. 11, 1947

Ha. Adland

16011

Herb - purplish fl  
In Sabana near  
H 16010 - dry soil ditto

16012

Herb - showy yellow fl.  
with H 16011 ditto  
Dry soil

16013

✓ In moist soil near  
H 16011 ditto

16014

large fl. herb  
common, showy fl.  
In moist middle area  
in Sabana near H 16011 ditto

16015

grass in Sabana  
dry soil - near H 16011 ditto

16016

Sedge in moist soil  
near H 16011 ditto

16017

Yellow fl. stone grass - same  
In dry soil near date  
H 16011 etc

16018

Sedge  
In dry soil in  
Sabana near H 16011 ditto

16019

Trailing, dec. herb  
legume; fl. white  
In arroyo near ditto  
H 16011

16020

Shrub or small tree  
in fruit. In arroyo ditto  
near H 16019

16021

✓ Vine high up in  
mature shrub - leaves  
bright translucent white  
In arroyo near H 16019 ditto

16022

climbing fern  
In arroyo near ditto  
H 16019

16023

✓ Purplish fl.  
In dry soil near ditto  
H 16018



16024

Cyperaceae  
In arroyo - on Sabaya  
de la Haza near Rb 28  
Doroteo Highway -  
1 1/2 miles toward Haina  
River Oct. 11, 1947

16025

herb. in moist soil ditto.  
near # 16021

16026

Long Cyperaceae  
In dry soil in  
Sabana near # 16024 ditto.

16027

Cyperaceae  
Near # 16024 ditto.

16028

Cyperaceae  
Dry soil near # 16024 ditto.

16029

Panicum  
In dry arroyo  
near # 16024 ditto  
Low

16030

Mass  
On red soil  
in damp arroyo near  
# 16024 ditto

16031

Postcard in tree  
Petals white with  
median red marks  
In damp arroyo  
near # 16024  
Rare in flower now  
Same data  
ditto

16032

Orchid -  
at base of tree  
fl. red, showy  
Near # 16024 ditto

16033

Dioecia  
In dry soil in  
Sabana near # 16024 ditto

16034

Bromeliad on  
tree in arroyo  
near # 16024 ditto

16035

Orchid - near base  
tree fl. greenish  
Near # 16024 ditto

16036

Cyperaceae  
In red soil near  
stream in arroyo near  
# 16024 ditto

16037

Sedge  
In red soil  
near # 16024 ditto

Reddish purple fl.  
Herb. In dry Sabana  
de la Pasa near  
Santa Highway 28,  
between there and Haina  
River - 1/2 mile from  
Rd. 28. Oct. 11, 47. H.A. Allard

16038  
16039  
white fl. herb.  
In dry soil near # 16038  
Diodia?

16040  
white fl. herb.  
white. with # 16039 ditto

16041  
yellow fl. herb.  
shiny. with # 16039  
dry grassy soil. ditto

16042  
Lichens on coffee  
sticks (leaves) near  
Colonias Ramfis near 1800ft  
Oct. 12, 1947  
H.A. Allard

16043  
Mosses and lichens  
on the trunk - Colonias  
Ramfis. Oct 12, 1947 ditto

16044  
Legume - shrub  
with crimson, round fl.  
slange to fl. near  
# 16043 ditto

Thallous liverwort on  
soil on bank; near  
# 16043 same  
data  
etc

16045

16046

Low legume with  
small purplish fl.  
with # 16043 ditto

16047

Pilea  
On bank near #  
16043 ditto

16048

Pilea, round leaves  
weeping,  
Near # 16043 ditto

16049

Herb - white fl.  
in small heads,  
at Colonias Ramfis ditto

16050

Clusia  
purplish blue fl.,  
On bank climbing  
over shrubs etc. near  
# 16049 ditto

16051

Bauhinia - large fl.  
Giant Tree Trunk  
upper part yellow. Bracts, blotched  
with red, others white dotted with red  
Oct 13, 1947 H.A. Allard



16052

Mosses on dead log  
along river at foot of pine  
barrens of Piedra Blanca,  
Oct 14, 1947  
H. A. Hubbard  
Maine River ✓

16053

On logs near # 16052  
ditto

16054

Gerardia -  
on pine barren slope,  
very steep and rocky near  
Piedra Blanca ditto

16055

Low creeping plant  
in moist ravine near  
# 16054. fl. white, small ditto

16056

Shrub - fls yellow  
leaves rusty beneath  
in dry arroyo near #  
16054 on pine barren  
slopes ditto

16057

Small palm - fan shaped  
leaves, green beneath  
10-15 feet tall. On steep  
pine slopes at 1000 ft near  
# 16054. See photo. ditto

16058

fem - On dry pine  
barrens among rocks  
at 1000 ft near # 16054 ditto

16059

Sedge. On dry pine barren  
slope near # 16054 same  
data  
ditto  
same date

16060

Panicum  
on dry rocky steep  
pine slope with # 16059 ditto  
abundant here

16061

Like foxtail - a grass  
with # 16059 ditto  
very scabrous panicles

16062

Red flowered shrubby  
legume - showy  
on pine barren slope ditto  
with # 16059

16063

Sign rosette plant with  
speckling panicles of tiny  
whitish fl. with # 16059 ditto  
Locally abundant here

16064

yellow fl - Cassia?,  
with # 16059 ditto

16065

Scabrous Dioclea -  
fl. white climbing high over trees,  
stump. near # 16059 ditto  
in moist arroyo.

16066

Small white fl.  
a low shrub, on steep,  
dry, rocky pine barren  
slope at Piedra Blanca  
at 1000 ft

16067

Panicum - on dry  
rocky pine covered slope ditto  
with # 16066

16068

Slender, panicoid grass  
with purple panicle  
ditto with # 16066

16069

Small tree in dry  
arroyo near # 16066. fl.  
leaves large, deep green, especially  
thick, fl. red in April & May  
almost sessile panicle

16070

Small tree, fl. purplish red  
on pine barren slopes near ditto  
# 16066

16071

Composite - herb.  
On pine barren slopes  
with # 16066 fl. reddish

16072

Composite - trailing  
fl. purplish. On dry  
pine barren slopes with  
# 16066

16073

Lichens on mossy  
tree trunks at foot of  
Piedra Blanca near  
# 16066 ✓  
fl. Oct. 14, 47. H.A. Allard

16074

Trailing leg. on  
pine barren with ditto  
# 16072

16075

Setaria like grass  
on pine barren slopes  
near # 16072 ditto

16076

Grass.  
with # 16072 ditto

16077

Climbing woody vine  
like Smilax - leaf with  
pubescence, an arroyo  
near # 16072 ditto

16078

Pubescent - linum  
leaves - reddish green  
small, white  
In dry arroyo near # 16072 ditto

16079

Setaria-like grass  
In dry rocky soil near  
# 16072 ditto



Low white flowered herb  
in moist arroyo on pine  
barren slopes near  
16080 Piedra Blanca Oct. 14, 47  
H. G. Allard  
1 bl. with long slender corolla tube

16081 Pubescent panicum  
in arroyo with  
# 16080 ditto

16082 Slender plant with  
linear leaves, white flowers  
like heads, ditto  
on moist barren rocky  
pine slopes near 16081

16083 Delicate yellow flowered  
slender herb, with  
# 16082; showy. ditto

16084 Grass - on pine barren  
slopes near # 16082 ditto

16085 Legume slender,  
creeping,  
with # 16082 ditto

16086 Rosette plant with  
pinkish blouses  
with # 16082 ditto

Small yellow fl. herb  
on pine barrens near  
16087 # 16086 same  
data

16088 white fl. delicate  
herb, with # 16087 ditto  
linear leaves.

16089 Low, compact  
panicum - dry  
rocky pine barrens ditto  
near # 16087

16090 Plant in water on rocks  
in Maimon River, at  
foot of above pine barrens ditto

16091 Shrub along <sup>Maimon</sup> river  
near # 16090 ditto

16092 Paspalum  
along Maimon River  
near # 16090 ditto

16093 In water attached  
to mud and rocks  
with # 16090 ditto

Plant matted  
in damp soil among  
16094 rocks of Maimon River,  
at foot of spine between  
near Piedra Blanca  
10/14/47. H.A. Allard

16095 Grass *Paspalum*  
along Maimon River. ditto  
in rocky soil on flood.

16096 Pale pink bloomed  
grass. Near Villa, at  
Gracia on Durango Highway  
10/14/47 H.A. Allard

16097 Pink fl. *Benhamia* - a tree  
at Los Alcarizos,  
Bl. G. 10/14/47  
H.A. Allard

16098 *Dorstenia*  
by roadside near  
# 16097 ditto

16099 Purple fl. trailing  
legume; near # 16097 ditto

16100 Prostrate, scrambling  
legume, with broad angulate  
toothed leaves, purple flowers  
showy; near # 16099

*Dioclea* or *Purpurea*  
In dry soil on pine slope  
16101 10/14/47 H.A. Allard

16102 Lichens on wood -  
high branches of tree  
at Big Caves west of  
Ciudad Trujillo Oct. 17, 1947  
H.A. Allard

16103 *Hepatic* on tree  
near # 16102

16104 Mosses and *Hepatic*  
on limestone rocks  
and trees at above caves

16105 Mosses on bark on  
logs etc. with # 16102

16106 Mosses bright green in very  
moist shaded situation on  
vertical walls near caves above

16107 Bluish green lichen  
on tree - near # 16102



16108

Mosses on rocks  
at Big <sup>timber</sup> cove near (nest)  
of Ciudad Trujillo  
Oct. 17, 1947  
H.A. Allard ✓

16109

Hepatic mosses  
on tree trunks  
near # 16108 ✓

ditto

16110

Mosses - lichens  
on tree rocks near # 16108 ✓

ditto

16111

Lichens on trees  
near # 16108 ✓

ditto

16112

Hepatics on trees  
near # 16108 ✓

ditto

16113

Lichens on trees  
near # 16108 ✓

ditto

16114

Mosses on dead  
logs  
Near # 16108 ✓

ditto

16115

Mosses on dead logs at  
cove, with # 16108

Oct. 17, 1947 ✓

H.A. Allard

16116

Mosses on dead wood  
with # 16115 ✓

ditto

16117

Hepatic bright green  
on faces of tree trunks  
with # 16108 ✓

ditto

16118

fungi on logs  
near # 16108  
(for J.A. Stevenson) ✓

ditto

16119

Myxomycetes on leaves  
of tiny plant. Near  
# 16108 ✓

ditto

16120

Mosses, lichens etc  
on trees near # 16108 ✓

ditto

16120a

16121

Mosses etc on sticks  
with # 16108 ✓

ditto

16122

Mosses etc on  
dead bark of logs  
at big caves in limestone  
cave on N. side of  
Ciudad Trujillo, ✓  
Oct 17, 1947  
H.A. Allard

16123

Mosses etc  
on logs near # 16122 ✓ ditto

16124

Mosses on dead logs  
etc. In ravine  
near # 16122 ✓ ditto

16125

Mosses on dead  
logs near # 16122 ✓ ditto

16126

Mosses on logs etc  
Near # 16122 ✓ ditto

16127

Mosses, Hepaticae on  
logs near # 16122 ✓ ditto

16128

Mosses etc  
on logs etc; near  
# 16122 ✓

16129

Mosses Hepaticae on  
dead wood near  
# 16122 ✓ Same data  
Oct. 17, 1947  
H.A. Allard

16130

Mosses etc on  
dead logs near  
# 16122 ✓ Oct. 17

16131

Mosses-lichens  
on dead logs  
near # 16122 ✓ ditto

16132

Mosses etc  
on dead logs with  
# 16122 ✓ ditto

16133

Mosses etc etc  
# 16122 - on dead  
wood ✓ ditto

16134

Mosses-lichens  
on dead wood near  
# 16122 ✓ ditto

16135

Mosses etc  
on dead logs near  
# 16122 ✓ ditto



Mosses, etc in dead wood etc  
at big cays west of Lindblad  
Island in coral limestone

16136

Oct. 17, 1947, H.A. Allard

✓

16137

Mosses etc  
on dead bark of logs  
near # 16136

✓ ditto

16138

Mosses etc in dead  
bark in mine near  
# 16136

✓ ditto

16139

# Mosses, liverworts  
on dead wood near # 16136

✓ ditto

16140

Mosses and liverworts  
on dead sticks  
near # 16136

✓ ditto

16141

Mosses, liverworts  
on dead wood  
Near # 16136

✓ ditto

16142

Mosses, hepatic  
on dead wood  
near # 16136

✓ ditto

Mosses hepatic on  
dead wood etc, Oct. 17  
H.A. Allard

16143

Near # 16136

✓

16144

Mosses, hepatic  
with # 16136

ditto

✓

16145

Mosses, hepatic  
near # 16136

✓

ditto

16146

Mosses, hepatic  
on dead sticks etc  
Near # 16136

✓ ditto

16147

Mosses on rocks  
Near # 16136

✓

ditto

16148

Mosses on rocks etc  
Near # 16136

✓

ditto

16149

Mosses and hepatic  
Near # 16136

✓

Mosses, hepatics on  
limestone (coral rocks) at big  
caves near of Ciudad Trujillo  
Oct. 17, 1947, H. Allard  
✓

16150  
16151 Mosses etc. on  
twigs etc. near # 16150 ditto  
16151a lichen ✓

16152 Lichens on  
wood, near # 16150 ditto  
✓

16153 Mosses etc. on  
bark - near # 16150 ditto  
✓

16154 Mosses, hepatics on  
bark of trees near # 16150 ditto  
✓

16155 Mosses, liverworts  
on bark etc. # 16150 ditto  
✓

16156 Mosses, hepatics  
on bark, near # 16150 ditto  
✓

Mosses, hepatics  
on bark etc. Oct. 17, 1947  
near # 16150 H. Allard  
✓

16157  
16158 Mosses, hepatics  
on bark etc. near # 16157 ditto  
✓

16159 Mosses, liverworts etc.  
on bark of trees  
near # 16150 ditto  
✓

16160 Mosses, hepatics etc. on  
trees near # 16150 ditto  
✓

16161 Lichens, hepatics etc.  
on trees at base  
near # 16150 ditto  
✓

16162 Mosses etc. on  
trees near # 16150 ditto  
✓

16163 Hepatics etc. on  
wood - near # 16150 ditto  
✓



16164

Mosses, hepatic in  
wood & ravines at  
Big Caves in coral lime. zone  
near of Ciudad Trujillo  
Oct. 17, 1947  
H.A. Allard ✓

16165

Mosses, hepatic etc  
in fork of trees near # 16164 ditto  
✓

16166

Mosses - hepatic etc  
in wood etc. near  
# 16164 ditto  
✓

16167

Mosses, hepatic  
in trees & near # 16164 ditto  
✓

16168

Mosses on rocks  
near # 16164 ditto  
✓

16169

Mosses etc  
on rocks near  
# 16164 ditto  
✓

16170

Seed from <sup>same</sup> pink, fragrant flowered  
Bauhinia tree at Los Alcarizos  
16171 See # 16097 (Allard)  
✓

16172

Seed from same Aristolochia  
found at Piedra Blanca by Allard  
1945-46 - See <sup>field</sup> number for species  
✓

16173

Seed - very large var. of  
Annona muricata - Ciudad  
Trujillo - soft shiny pericarp  
on fruit. See photo (poor)  
✓

16174

Seed of small fruited var  
of Annona muricata  
Ciudad Trujillo -  
See photo (poor)  
✓

16175

Seeds of javilla tree  
Hura crepitans L. Oct 1947  
Ciudad Trujillo  
seeds flat, size of nickel  
✓

16176

Seeds of Limoncillo  
Melicocca bijuga L.  
Ciudad Trujillo (see photo)  
Oct. 1947. H.A. Allard  
✓

16177

Seeds of Amelha amarilla  
Spondias mombin L.  
Ciudad Trujillo - Sept. 1947  
See photo - H.A. Allard.  
✓

Moss on bark of limbs of  
caguel tree, Ciudad Trujillo,  
Oct. 18, 1947  
H. J. Ireland

16178

16179

Lichens on same tree  
on bark with # 16178

ditto

16180

Lichens on same bark  
of tree with # 16178

ditto

16181

Lichens on bark of same  
tree with # 16178

ditto

16182

Lichens on bark of same  
tree with # 16178  
yellowish green Parmelia?

ditto

16183

Lichens on same tree  
with # 16178

ditto

16184

Lichens on same tree  
with # 16178

ditto

Orange colored lichen on  
same tree with # 16178 Oct. 18

16185

16186

Lichens on same tree  
with # 16178

ditto

16187

White lichen on  
same tree with # 16178

ditto

16188

Lichens (various) on  
same tree with # 16178

ditto

16189

Lichens on bark  
of same tree with # 16178

ditto

16190

Lichens on bark of  
same tree with # 16178

ditto

16191

Moss on same  
tree near top with # 16178

16191a lichen

ditto



Lichens on bark of tree  
near top of cajuil tree in  
16192 Ciudad Trujillo Oct. 18, 1947  
H.A. Allard ✓

16193 Lichens on trunk of  
Hura crepitans L ✓  
Ciudad Trujillo -  
Oct. 18, 1947. H.A. Allard

16194 Lichens on bark of  
tree near # 16193 ✓ ditto

16195 Lichens on old  
fence post near # 16193 ✓ ditto

16196 Lichens - one small brilliant  
yellow, one gray, on bark  
of tree near # 16193 ✓ ditto

16197 Mosses - lichens  
on Cajuil tree ✓ ditto  
Oct. 18.  
near # 16193

16198 Lichens on bark of  
Poinciana tree ✓ ditto  
near # 16193

Lichens on Cajuil tree  
near # 16193 Oct. 18, 1947  
H.A. Allard ✓

16199

16200 Lichens on young tree  
high up tree. Oct. 18, 1947  
Ciudad Trujillo ✓

16201 Hepaticas, mosses at  
base of a mango tree ✓ ditto  
Ciudad Trujillo.  
Aug. 18, 47

16202 near # 16193  
Mosses, hepaticas on  
same tree with # 16201 ✓ ditto

16203 Lichens on bark  
near # 16201 ✓ ditto

16203a lichens ✓  
16204 fungi (gill)  
on bark near # 16201 ditto

16205 Fern (small) on  
limestone (coral) rock in ✓  
big Cares near Ciudad  
Trujillo Oct. 19, 1947 H.A. Allard

16206

Mosses, hepatic  
On dead wood in big  
cave west of Ciudad Trujillo  
Oct 19, 1947  
H. A. Allard ✓

16207

Mosses on wood  
near # 16206 ✓

ditto

16208

Mosses on dead  
wood near # 16206 ✓

ditto

16209

Mosses on old logs  
near # 16206 ✓

ditto

16210

Mosses on old logs  
near # 16206 ✓

ditto

16211

White lichen patches  
on strangling fig trunk  
near # 16206 ✓

ditto

16212

Mosses on  
wood and rock near  
# 16206 ✓

ditto

16213

Mosses, hepatic  
on trees etc near  
# 16206 ✓

Same  
data

16214

Mosses etc  
on rocks near # 16206 ✓

ditto

16215

Mosses, hepatic  
on dead wood near # 16206 ✓

ditto

16216

Mosses, hepatic  
on dead wood etc on dead  
wood near # 16206 ✓

ditto

16217

Mosses etc on dead  
wood etc near # 16206 ✓

ditto

16218

Mosses etc on wood  
near # 16206 ✓

ditto

16219

Mosses, hepatic  
on wood near # 16206 ✓

ditto



Mosses, lichen on  
logs etc at big Cacao wood

16220

Glanded Trujillo

Oct. 19, 1947

H.A. Allard

✓

16221

Mosses on wood etc

near # 16220

✓ ditto

16222

Lichen on bark of  
strangling fig near

# 16220

✓ ditto

16223

Shrub near # 16220

fruit green immature

ditto

16224

Herbs - small whitish

fl., near # 16220

✓ ditto

16225

Shrub - green

fruit only

near # 16220

✓ ditto

16226

Mosses

on logs etc

near # 16220

✓ ditto

Blue flowered high climbing  
legume - In cacao

Same data

16227

near # 16220

Has large, root like

sweet potato; not edible.

Native name = Jicamo.

16228

Lichen on

ura de Playa tree

Haina Beach, Oct. 19, 1947

H.A. Allard

✓

16229

Lichen on same tree

with # 16228

✓ ditto

16230

Lichen on

ura de Playa tree

near # 16228

ditto

16231

Lichen on same tree

with # 16228

✓ ditto

16232

Lichen on same

tree with # 16228

ditto

16233

Lichen on same

tree with # 16228

ditto

16234 Lichens on tree, lra  
de Playa - at Haina  
Beach - Oct. 19, 1947  
H. A. S. L. ✓

16235 Lichens on same tree  
with # 16234  
Tree 16228 ✓ ditto

16236 Lichens on trees  
near # 16228  
- lra de Playa ✓ ditto

16237 On same tree -  
near # 16228 ✓ ditto

16238 Lichens  
on same tree with  
# 16237 ✓ ditto

16239 Lichens on wood  
exposed of Royal Palm  
near # 16237 ✓ ditto

16240 Moss in rotten notch  
of lra de Playa  
near # 16237 ✓ ditto

Orange red lichens on  
bank of lra de Playa  
16241 Haina Beach  
Oct 19, 1947  
H. A. S. L. ✓

16241a algae

16242 Cactus on coral rocks  
near Haina Beach -  
2-3 ft tall - Opuntia ditto

16243 Flowers pale yellow;  
bristly very fragrant with carmine  
fruit 2-3 in long juice

Sedge  
On rocks, lra de Playa  
near # 16242 ditto

16244 Sedge  
with # 16243 ditto

16245 yellow flowers small,  
plant covering same rocks  
near # 16243 ditto

16246 Grass  
with # 16243 ditto

16247 Grass with #  
16243 ditto



Grass on coral rock  
on terrace near Haina Beach  
Oct. 19/47. H.A. Allard

16248

16249

Grass, <sup>spreading</sup> near  
# 16248

ditto

16250

Pink flowered fleshy  
trailing legume  
with # 16248 - showy

ditto

16251

Climber - herb -  
fls. small, white, in  
wreath near Colonia Ramfis,  
at 1600 ft Oct. 20, 47  
H.A. Allard

16252

Pilea prostrate  
in heavy shade with  
# 16251

ditto

16253

Herbaceous  
in woods with # 16251

ditto

16254

Low shrub  
bl. white  
near # 16251

ditto

Grass - In woods near same  
data  
# 16251

16255

16256

Low herb - whitish fl  
In old banana plantation  
near # 16251

ditto

16257

Begonia  
In woods near 16251  
fl. white and red  
showy

ditto

16258

Piptochaetium  
trailing, in woods  
near # 16251  
Pods reddish

ditto

16259

Legume; fl. small blue,  
climbing over herbage  
Roadside near # 16251

ditto

16260

Tomato. In open  
thicket near # 16251

ditto

16261

Piper - Low shrub  
Near # 16251

ditto

Coffee leaves with leaf spot  
disease. Near Colonia Ramfis  
at 1600 ft, in woods

16262

Oct 20, 47

H. A. Allard

for J. E. Stevenson

16263

Herb. in woods

near # 16262

fl. greenish - in heads like  
daisy? ditto

16264

*Diodia* ? *Purpurea*

fl. small, white,

Roadside near # 16262 ditto

16265

Low shrub

In shaded woods

near # 16262 ditto

16266

Small plant near

# 16262

leaf spots ditto

16267

*Delicate Panicum*

In shade of woods

near # 16262 ditto

16268

Short grass in

woods near # 16262 ditto

grass, in woods  
near # 16262

Same date  
data etc.

16269

16270

Yellow fl. *Bidens*?

(Composite) in woods

near # 16262 ditto

16271

*Paspalum*

In woods near # 16262 ditto

16272

Spongy

fls. deep rose.

Thicket near # 16262 ditto

16273

Shrub, fl. red

leaves very rugose

Near # 16262 ditto

16274

Yellow fl. Marigold

Escaped in gulches by  
roadside near # 16262 ditto

16275

Flam. photo

near Colonia Ramfis

on rocky bank (dry) ditto



Trailing Pilea - On  
bank of deep cut near  
16276 *Colocasia Barufia* at  
1200 ft. Oct. 20, 1947  
H.A. Allard

16277 Moss on moist soil  
of bank near # 16276 ditto

16278 *Clitoria* - fl. blue-purple  
climbing on barage  
near # 16276 ditto

16279 weak, dangling, climbing  
shrub; fl. pinkish and  
red. Near # 16276 ditto

16280 Lichens on dead  
bark in woods at 1600 ft  
near *Colocasia Barufia*  
Oct. 20, 1947. H.A. Allard ditto

16281 Lichens with  
# 16280 ✓ ditto

16282 Lichens with  
# 16280 ✓ ditto

Mosses on dead wood  
etc near 16280. same date,  
data;  
16283 ✓

16284 Lichens on dead  
wood etc near # 16280 ditto ✓

16285 Lichens on old logs  
etc near # 16280 ditto ✓

16286 Lichens on old logs  
etc near # 16280 ditto ✓

16287 Mosses on old logs  
etc near # 16280 ✓ ditto

16288 Mosses on  
old logs etc near  
# 16280 ditto

16289 Mosses on  
old logs etc near  
# 16280 ✓ ditto

Mosses on old logs  
etc., at 1600 ft. in mts

16290

near Columbia Pacific  
Oct. 20, 47. H. A. Allard

✓

16291

Mosses etc.  
on logs, bare trees  
etc. near # 16290

✓ ditto

16292

Mosses on dead wood  
etc. near # 16290

✓ ditto

16293

Mosses on logs  
etc. near # 16290

✓ ditto

16294

Mosses on dead  
logs etc. near # 16290

✓

16295

Mosses on dead logs  
etc. near # 16290

✓ ditto

16296

Mosses on dead logs  
etc. near 16290

✓ ditto

Mosses on soil  
etc. near

Same  
data

16297

# 16290

✓

16298

Mosses on soil  
etc. near  
# 16290

✓ ditto

16299

Mosses on soil,  
etc. near  
# 16290

✓ ditto

16300

Mosses etc.  
on rocks etc. near  
# 16290

✓ ditto

16301

Mosses, hepatics  
on bark, logs etc.  
near # 16290

✓ ditto

16302

Mosses, hepatics  
on bark, logs etc.  
near # 16290

✓ ditto

16303

Mosses, hepatics  
on bark, soil etc.  
near # 16290

✓ ditto



16304

Mosses, hepaticae  
on bark, logs etc. at 1600 ft  
near Colonia Ranchar,  
Oct. 20, 47 H. Hallad

16305

Hepaticae etc. on  
bark of tree near  
base, near # 16304  
brilliant green ditto

16306

Mosses etc. on logs  
bark etc., near # 16304 ditto

16307

Mosses, hepaticae etc.  
on bark, etc. near  
# 16304 ditto

16308

Mosses, hepaticae  
on bark of trees  
etc., near # 16304 ditto

16309

Mosses, hepaticae etc.  
on bark, logs etc.  
near # 16304 ditto

16310

Mosses, hepaticae etc.  
on bark, logs etc.  
near # 16304 ditto

16311

and  
16311a

Lichens on trunks of same data  
trees etc., near # 16304

16312

Plant growing on tree trunk  
robin blue, oval leaves;  
near # 16304 ditto

16313

Coffee leaves - Lichens on  
upper surface; near # 16304 ditto  
Oct. 20

16314

Mosses on tree trunk,  
dead wood etc.  
near # 16304 ditto

16315

Mosses hepaticae on  
tree trunk, dead wood  
etc., near # 16304 ditto

16316

Lichens on tree trunk  
near # 16304 ditto

16317

Lichens on tree  
trunk etc., near  
# 16304 ditto

16318

Mosses in tree trunk  
at 1600 ft. near Colonia Pacifica  
Oct. 20, 1947  
H. S. Allen

16319

Lichens on trees  
near # 16318

✓ ditto

16320

Lichens on trees  
near # 16318

✓ ditto

16321

Lichens on bark of  
trees near # 16318

✓ ditto

16322

Lichens on bark of  
trees near 16318

✓ ditto

16323

Lichens on bark of  
trees near 16318

✓ ditto

16324

Lichens on bark  
of trees near  
16318

✓ ditto

16325

Lichens on trees  
etc. near # 16318

Says  
date  
data

16326

Lichens on trees  
etc.  
near # 16318

ditto

16327

Lichens on trees, dead bark  
etc., near # 16318

✓ ditto

16328

Lichens on tree  
bark, near # 16318

✓ ditto

16329

Lichens on garden  
tree - dead near  
# 16318

✓ ditto

16330

Lichens on tree bark  
etc., near # 16318

ditto

16331

Mosses, hepatics  
on bark etc.  
near # 16318

✓ ditto

16331a Lichens ✓



Mosses etc. on Twigs  
at 1600 ft near Colonia  
16332 Panamá, Oct. 20, 1947  
H. A. Hallard ✓

16333 Mosses etc. on twigs etc.  
near # 16332 ✓ ditto

16334 Mosses - hepatic  
on bank etc.; near  
# 16332 ✓ ditto

16335 Mosses - hepatic - in shaded  
moist bank near  
# 16332 ✓ ditto

16336 Mosses - hepatic  
on bank near  
# 16332 ✓ ditto

16337 Mosses, hepatic  
on moist shaded bank near  
# 16332 ✓ ditto

16338 Mosses; hepatic on  
moist, shaded bank near  
# 16332 ✓ ditto

Mosses, hepatic  
on moist bank  
16339 near # 16332 ✓

16340 Lichens, hepatic  
on moist bank  
near # 16332 ✓ ditto

16341 Hepatic on moist  
bank near # 16332 ditto

16342 Hepatic, mosses  
on moist bank near  
# 16332 ✓ ditto

16343 Hepatic on moist soil  
on moist bank  
near # 16332 ✓ ditto

16344 Purple fl. acanth.  
in lanes, near Embassy  
Oct. 21, 1947 ✓ ditto

16345 Centrosoma  
virginiana (guess)?  
In thickets at Ciudad Trujillo  
near Allard; fl. purplish blue  
climbing Oct. 22, 1947. H. A. Hallard ✓ ditto

Garza, floor Clitorea -  
middle of standard and tip of wings  
16346 magenta purple; small flowers  
very showy, fl 2 in long, wide  
ovoid. Thickets west of Ciudad Trujillo  
Oct 22, 1947. H.A. Allard

16347 Desmodium - slender herb.  
Near # 16346; fl. white  
2-3 feet tall ditto

16348 Wild, escaped *Gynura*;  
fl. white, in thickets ditto  
near # 16346

16349 Vine, twining over shrubs etc.  
by tendrils - fl. white, small  
in narrow racemes  
In thickets west of Ciudad  
Trujillo on *Gro. & Phormium*  
Oct. 23, 47. H.A. Allard

16350 Legume - shrub  
Near # 16349 ditto

16351 Shrub - yellow, nodding  
rather showy - Malvaceae  
Near # 16349 ditto

16352 Viny shrub; fl. small  
white, corolla base  
in thickets near # 16349 ditto

Shrub - 5-6 ft or more  
branched, very hairy

16353 In thickets near # 16349  
Oct. 23, 47. H.A. Allard

16354 Desmodium - fl. small  
with prominent blue standard ditto  
Roadside near # 16353

16355 *Acanthaceae* - low  
herbaceous - creeping by stems  
fl. purplish blue; a need for  
lawns etc.; very abundant ditto

16356 Grass - *Conchocarpus*  
Along roadside near # 16353 ditto

16357 Wild, white flowered Coral vine  
Roadside near # 16353 ditto

16358 Herb with odorous, small  
fls - Roadside near  
# 16353 ditto

16359 *Lichen* on lining bark  
west of Ciudad Trujillo on  
coral rock formation  
Oct. 24, 1947  
H.A. Allard



16360

woody vine, in thicket  
at offshoot of Trujillo, on coral  
rock formation Oct 24, 47  
R.A. Island

✓

16361

Lichens on living bark  
near # 16360

✓

ditto

16362

Lichens on living bark  
near # 16360

✓

ditto

16363

Lichens on living  
bark near # 16360

✓

ditto

16364

Lichens on living  
bark near # 16360

ditto

16365

Mosses, high stems on  
living bark at base of  
trees near # 16360

✓

ditto

16366

Phaseolus lunatus  
in thicket near # 16360

✓

ditto

16367

Legume - small  
leaf, papilionaceous  
flower; near # 16360

Same  
data

16368

Low vine - with  
# 16360 fl. small  
greenish - Passiflora? ditto

16369

Grass - on coral  
rock near # 16360

ditto

16370

Passiflora - vine  
near # 16360; fl. greenish ditto

16371

Small vine on coral  
rock rooted in niches  
etc; fl. small, yellow  
near # 16360

ditto

16372

Solanum - fl. white  
5-6 ft. tall; near # 16360 ditto

16373

Sporoclea fl  
deep rose -  
near # 16360

ditto

Mass. climbing over  
shrubs, on coral rock

16374 Crematogaster nest of  
Candida Trujillo  
Oct. 24, 1947  
H.A. Allard

16375 Woody vine - Smilax?  
Climbing over shrubs  
near # 16374 ditto

16376 Ipomoea batatas  
Sweet potato  
In waste ground near  
# 16374 fl. white with  
corolla throat ditto

16377 Shrub - 6-8 ft - fl.  
yellow; malvaceous  
Near # 16374 ditto

16378 Vine - Cucurbitaceous  
fl. yellow; near  
# 16374 ditto

16379 Ipomoea - fl. - purple  
Near # 16374 ditto

16380 Cucurbitaceous vine  
fl. yellow; fruit orange  
Near # 16374 ditto

Low mat plant -  
fl. small, thin  
soil near # 16374

Same  
data

16381

16382 <sup>dead</sup> Legume or large  
Candida Trujillo Oct. 26,  
H.A. Allard V

16383 Vanilla flowers spike  
and leaves; stem a few  
shrub-like shaped dark  
red

16384 Between Conchagua and Jarabawa  
at 3500 ft. Oct. 29, 1947  
Tutana  
fl. lilac purple  
H.A. Allard

16385 Legume - fl. deep rose - small,  
showy. Bimaculata?  
Near # 16384 ditto

16386 Grass - Near highway  
Near # 16384 ditto

16387  
Near # 16384 ditto



on highway between Constanza and  
Jaraboa at 3500 ft,

16388

shrub - glaucous, very scabrous,  
fl. white, with fringed petals

16389

Solanum - tall 5-6 ft  
Near # 16388

16390

Setaria  
near # 16388

16391

Low shrub; fl. in heads,  
small, white  
Near # 16388

16392

Trailing Dianodium  
on dry bank near  
# 16388 fl. bluish

16393

Composite  
Erigeron? Near  
# 16388

16394

Euphorb - ascending  
Near # 16388

16395

Small, white fl. bl. br. #  
dry soil near # 16388  
Caryophyllaceae?  
Stellaria?

16396

Dioscorea - Rubiaceae  
Near # 16388  
fl. white  
Low - prostrate

16397

shrub - 4-5 ft  
fl. white near # 16388

16398

Composite  
fl. bluish or pinkish  
Near # 16388

16399

Delicate Polygala  
Near # 16388, in dry  
soil & rose

16400

Same sp. of Polygala as  
# 16399 - fl. pure white  
Both growing together

16401

Low shrub; fl. deep rose  
Near # 16388

same  
date,  
data,  
etc

ditto

ditto

ditto

ditto

ditto

ditto

along highway on plain etc  
between Jarabacoa and  
Constanza, at 3500 ft,  
Oct. 29, 1947. H. Allard

16402

*Gerardia*  
H. purpl.

16403

*Pilea* ~~triflora~~  
Near # 16402

ditto

16404

Piled, erect; on  
moist bank near # 16402

ditto

16405

Composite, shrubby  
near # 16402; heads  
yellow - far from habitations

ditto

16406

Shrub  
bl deep rose  
Near # 16402

ditto

16407

Tall, bushy; stems covered  
with sharp needle-like  
bristles; flowers past. 6-8  
ft tall

ditto

16408

*Panicum*  
On moist bank  
near # 16402 - in  
pine forest.

Shrub, *Hypericaceae*.  
fl. yellow. Near # 16402  
on pine slopes

16409

same  
data,  
etc.

16410

Shrub, fl. white  
Tall shrub, near  
# 16402

ditto

16411

woody vine high climbing  
fl. deep yellow, shiny;  
corolla short tubular  
Near # 16402

ditto

16412

At La Cumbre at 4000 ft  
between Constanza and  
Jarabacoa, Oct. 29, 47  
fl. all red,  
large branched on tree.

ditto

16413

Near # 16412  
very damp, almost swampy forest

ditto

16414

Shrub, stems  
with many small  
Near Constanza - wild.  
at 3400 ft Oct. 29.  
fl. all red.

16415

Very shiny woody vine  
on fence in Constanza; fl.  
Very shiny purplish blue  
Oct. 29. H. Allard



16416

In Constantza Valley at  
3400-3500 ft., Oct. 29,  
in rich, black gumbo soil  
H. G. Allard

16417

Near Constantza on  
slope at 3400 feet  
Oct. 29, 1947  
H. G. Allard

ditto

16418

Prominent  
at La Cumbre at 4000 ft  
between Constantza and  
Jaramasa Oct. 29, H. G. Allard

16419

Mistletoe on tree  
with # 16418

ditto

16420

Solanum  
Near # 16418

ditto

16421

High-climbing woody  
Vine; fl. in dense, drooping  
racemes, one inch or more long  
deep rose red; very showy  
climbs high in trees

ditto

16422

Vine; fl. large  
like morning glory, deep  
rose red, leaves with 5-6 palmate  
leaflets, very showy, near # 16418

ditto

Diodora 2. Rubiaceous  
fl. white -

16423

Near # 16418  
Oct. 29, 1947  
H. G. Allard

16424

Solanum 5-6 ft  
Near # 16423

ditto

16425

Low, creeping plant  
in damp soil in shade  
near # 16423; abundant  
fl. whitish with pink tips on  
smaller lobes

ditto

16426

Shrub, fl. white  
Near # 16423

ditto

16427

Diodora - Rubiaceous  
Near # 16423  
fl. white

ditto

16428

Yellow-eyed grass  
fl. yellow  
Near # 16423, in  
thicket.

ditto

16429

Leaf spot - beautiful on  
Confertifera Oct. 29  
on both

ditto

Near # 16423

At La Cumbre between Comtango  
and Jaraburo - at 4000 ft

16430

Oct. 29, 1947  
H.A. Allard  
In pine forested territory  
Sandy on grass; for P.O. Th.

16431

Eupatorium: fl. purple  
In Comtango valley  
at 3400 ft. Oct. 29, 47 ditto  
H.A. Allard

16432

Compositae fl. yellow  
a wild grass-like plant  
with reddish spots in middle ditto

16433

Sambucus  
Near # 16431; cultivated  
for medicinal virtues ditto

16434

Malvaceae  
Tall 2-3 ft  
fl. bluish purple; petals  
with darker long, lines of deeper  
purple; glossy; also cult. ditto

16435

in Comtango  
Morning glory  
In Comtango valley on  
hillsides near # 16432 ditto

16436

fl. deep rose  
Common  
fl. white, in heads  
near # 16432

Low, prostrate plant;  
fl. very small,  
whitish to pinkish

16437

Near # 16432  
on rock

same  
date  
data  
etc

16438

Phytolacca - on road  
to Valley Nuevo from  
Comtango Oct. 28, 47 ditto  
at 4000 feet: tall, fl.  
pink; glossy; common

16439

pink fl. Polygala  
In pine forest near  
# 16438 ditto

16440

Papaveraceae  
Near # 16438  
4-5 feet ditto

16441

Lantana - fl. orange to  
red; in pine forest near  
# 16438 at 4000 ft ditto

16442

Centrosema  
in thicket on grass  
# 16438; common  
fl. purple. Idem ditto

16443

Rubiaceae  
fl. white. Diodia  
Near # 16438 ditto



Grass <sup>in pine forest</sup>  
<sup>near road to Valley Nuevo</sup>  
16444 from Courtana Oct 28  
1947, at 4000 ft. Ha. alland  
<sup>dry</sup>  
In pine forest at 4100 ft.

16445 Sedge. In wet spot  
in pine woods near  
# 16444 ditto

16446 Shrub; berries dark red;  
leaves with crimson  
variegation beneath - in mid-  
rib and laterals. Fl. large  
Near # 16444 deep crimson  
leaves, trailing, in dense  
fl. deep rose purple <sup>near # 16444</sup> ditto

16447 Near # 16444 deep crimson  
leaves, trailing, in dense  
fl. deep rose purple <sup>near # 16444</sup> ditto

16448 Composite  
Near # 16444 ditto

16449 Aster fl. whitish  
Near # 16444 ditto

16450 Sedge  
Near # 16444 in  
wet shady woods, common ditto

<sup>in pine forest near</sup>  
16451 <sup>same data, date ch.</sup>  
# 16444  
at 4100 ft

16452 In pine forest  
# 16444  
fl. white at 4100 ft ditto

16453 Salvia  
Near # 16452 ditto  
at 4100 ft

16454 Desmodium  
Near # 16452 ditto  
Trailing at 4100 ft

16455 Fern on rocks - trees  
at 4100 feet in pine  
forest, near # 16452 ditto

16456 Mint; fl. whitish  
to pinkish.  
with # 16452 ditto

16457 Commelina; fl. light blue  
with # 16452 ditto

Saline white fl.  
In moist pine forest in grass  
from Constanta to Valle Nuevo  
16458 Sept 28, 1947  
Near # 16458 at 9100ft

16459 Near # 16458  
Shrub: fl. white to ditto  
pinkish on back of petals.

16460 Grass - Poa?  
Near # 16458 ditto

16461 Andropogon.  
In pine forest near  
# 16458 ditto

16462 Minty fl. whitish; lower lip  
pink; near # 16458  
3-4 ft. ditto

16463 Hieracium  
In pine forest near  
# 16458  
fl. yellow. ditto

16464 Andropogon  
Near # 16458 ditto

Patagala  
bl. black  
Near # 16458  
Same date  
data

16465 Sedg.  
In pine forest near # 16458 ditto

16466 Begonia  
In pine forest near  
# 16458  
pink fl. ditto

16467 Eupatorium  
2-3 ft: bl. lilac-purple  
Near # 16458 ditto

16468 Senecio  
Near # 16458 ditto

16469 Bidens  
yellowish heads  
Near # 16458 ditto

16470 Paspalum  
Near # 16458 ditto



sedge  
in moist soil near spring  
moist pine forest at 4100 ft  
on road from Comfianza to  
Valle Nuevo Oct. 28, '47  
H.A. Allard

16472  
16473 Large yellow flowers -  
showy - 8 ft  
Near # 16472 ditto

16474 Comp.  
Near # 16472 ditto

16475 Panicum - stiff - in  
red pine slash -  
near # 16472 ditto  
stiff, wiry,

16476 Salween - prostrate  
descending,  
Near # 16472 ditto  
fl. white

16477 com, creeping, in mud  
Near # 16472 ditto  
Primulaceae

16478 Polygoum; fl. white  
in slash with # 16477 ditto

Setaria?  
Near # 16472 same  
date,  
data,  
etc

16479

16480 Woody vine very showy  
fl. like morning glory, leaf  
rose; leaves 5-6 palmate  
leaflets; same as 16472 ditto  
very showy. Near # 16472

16481 Cassia  
fl. yellow; low shrub  
Near # 16472 ditto

16482 Mikania; fl. white  
in moist pine forest  
near # 16472 ditto  
fl. not fragrant.

16483 Composite  
fl. small yellow  
leaves glutinous & hairy  
with long glutinous hairs ditto

16484 Panicum  
in pine forest at 4200 ft  
on road from Comfianza to  
Valle Nuevo, Oct. 28 ditto  
H.A. Allard

16485 Shrub; berries red  
like a Berberis ditto  
Near # 16484

Palga -  
At 4200 ft. in moist,  
almost mossy pine forest on road  
16486 from Constanza to Valle Nuevo  
Oct. 28, 1947  
H.A. Allard

16487 Tall shrub or small tree  
near # 16486 ditto  
Leaf spec. for U.S.D.A.

16488 Panicum  
near # 16486 ditto

16489 Cassia  
fl. yellow - shrub ditto  
near # 16486

16490 Tall Legume; fl. bluish  
7-5 ft. ditto  
near # 16486

16491 Bidens heads yellow  
near # 16486 ditto

16492 Pilea - trailing  
near # 16486 ditto

Galienus  
At 4000 ft  
#16492 A on road from Constanza  
to Valle Nuevo; Oct. 28  
In mossy pine forest.  
H.A. Allard fl. white

#16492 B. Hieracium  
with # 16492 A ditto  
fl. yellow

16492 C Panicum  
with # 16492 A ditto

16492 D Trailing; fl.  
greenish white ditto  
with # 16492 A

16492 E Passiflora -  
climbing - fl. yellowish ditto  
common in this forest  
with # 16492 A

16492 F Pilea - trailing  
near # 16492 A ditto

16492 G Composite; fl. small  
yellow ditto  
near # 16492 A



16493 Rubiaceae fl. white  
Ascending on road from  
Constanza to Valle Nuevo  
at 4100 ft. Oct. 28  
H.A. Allard  
In pine forest

16494 Four-matted Panicum  
in forest near # 16493 ditto

16495 Composite; fl. small  
yellow Near # 16493 ditto

16496 Panicum  
Near # 16493 ditto

16497 Euterpe ?  
Near # 16493 ditto

16498 Smilax  
Near # 16493 ditto

16499 Malvaceae  
fl. purplish with darker  
lines, Constanza Valley  
Oct. 28, 1947  
shony H.A. Allard

Tillandsia  
on trees at 4000 ft.  
on road from Constanza to  
Valle Nuevo  
Oct. 28, 47  
H.A. Allard  
# 16501

16501 Weeping Sabina - Cedar  
In Constanza Valley at  
3400 ft. - photo ditto  
near hotel  
Penalis made of the wood.

16502 Sabina  
In Constanza Valley  
at 3500 ft near  
Constanza Oct. 28, 47  
H.A. Allard

16503 wild rose fl. white  
on road from Gara Blanca  
to Constanza and near La  
Cumbre Oct. 27, 1947

16504 H.A. Allard Thorns deep rose  
Marces etc at  
La Cumbre on road  
from Constanza to Juchitán

16505 4000 ft Oct. 29, 47  
H.A. Allard  
Marces with # 16504 ditto

16506 Marces etc  
near # 16504 ditto

Mosses etc; coll.  
at La Cumbre at 4000 ft  
on road from Jarabera  
to Comalapa Oct. 29, ✓  
H.A. Allard

16507  
16508 Mosses, hepatic etc  
with # 16507 ✓ ditto

16509 Mosses etc  
with # 16507 ✓ ditto

16510 Mosses etc  
with # 16507 ✓ ditto

16511 Mosses etc  
with # 16507 ✓ ditto

16512 Mosses etc  
and near # 16507 L ditto  
16512a

16513 Mosses, hepatic  
on wood, trees etc ditto  
near # 16507 ✓

Mosses etc; Same date  
with # 16507 data  
etc

16514 ✓

16515 Mosses etc  
with # 16507 ✓ ditto

16516 Mosses etc  
with # 16507 ✓ ditto

16517 Mosses etc  
with # 16507 ✓ ditto

16518 Mosses, hepatic  
with # 16507 ✓ ditto

16519 Mosses etc  
with # 16507 ✓ ditto

16520 Mosses etc  
with # 16507 ✓ ditto



16521

Mosses, hepatic  
 in road to  
 valley Nuevo from Contanza  
 at 4200 ft. Oct. 28  
 99.2 cleared  
 in moist pine forest ✓

16522

Mosses etc  
 with # 16521 ✓ Oct. 28  
 ditto

16523

Mosses etc  
 with # 16521 ✓ ditto

16524

Mosses etc  
 with # 16521 ✓ ditto

16525

Mosses etc  
 with # 16521 ✓ ditto

16525a lichen -

16526

Mosses etc  
 with # 16521 ✓ ditto

16526a lichen.

16527

Mosses etc  
 with # 16521 ditto

16527a lichen ✓

Mosses hepatic etc same  
 with # 16521 date  
 data

16528

16528a lichen ✓

16529

Lichens mostly  
 with # 16521 ✓ ditto

16530

Lichens  
 with # 16521 ✓ ditto

16531

Lichens  
 with # 16521 ditto

16532

Lichens  
 with # 16521 ✓ ditto

16533

Lichens with  
 # 16521 ✓ ditto

16534

Frustrated lichens  
 Oct. 28 ditto  
 ✓

Lichens on trees etc  
at 4100 ft., on road from  
16535 Comtanga to Valle Nuevo  
Oct. 28, 1947  
H.A. Allard

16536 Lichens etc  
near # 16535 ditto

16537 Lichens etc  
with # 16535 ditto

16538 Fruticose lichens  
with # 16535 ditto

16539 Cladonia  
on logs etc  
near # 16535 V ditto

16540 Lichens  
with # 16535 V ditto

16541 Lichens  
near # 16535 V ditto

Lichens on bark etc same  
date  
near # 16535  
16542 ditto

16543 Lichens with  
# 16535 V ditto

16544 Lichens  
with # 16535 V ditto

16545 Lichens  
with # 16535 | ditto

16546 Lichens  
with # 16535 V ditto

16547 Lichens with  
# 16535 V ditto

16548 Lichens with  
# 16535 ditto



~~Lichens~~

Collected at 4100 feet  
near on road to Valle  
Nuevo from Comtanza  
Oct 28, 47. H. A. Allard

16549

16550

Lichens

Near # 16549 ✓ ditto

16551

Lichens

Near # 16549 ✓ ditto

16552

Lichens

Near # 16549 ✓ ditto

16553

Lichens

Near # 16549 ✓ ditto

16554

Lichens

Near # 16549 ✓ ditto

16555

Lichens

Near # 16549 ✓ ditto


# 16555 A

Lichens  
Cladonia - red heads

Near # 16549 - on  
dead wood ✓

Same  
date,  
data

# 16555 B

Reichen algae green  
soft lichen - really  
cup with wavy sides  


on Tree near # 16549

✓ ditto

# 16555 C

Cup fungi  
on Dead wood

Near # 16549

ditto

# 16555 D

Mosses

Near # 16549 ✓

ditto

# 16555 E

Fruticose lichen  
on pine bark

Near # 16549 ✓

ditto

# 16555 F.

Lichens

Near # 16549

ditto

# 16555 G.

Lichens

Near # 16549  
on trees

ditto

Lichens etc collected  
at 4550 feet on road  
165556 to Valle Nueva from  
and Constanta, Oct. 28  
16556a O.H. Allard

16557 Mosses etc  
near # 16556 ✓ ditto

16558 Mosses  
Near # 16556 ✓ ditto

16559 Mosses  
Near # 16556 ✓ ditto

16560 Mosses etc  
near # 16556 ✓ ditto

16561 Mosses etc  
Near # 16556 ✓ ditto

16562 Lichens etc  
Near # 16556 ✓ ditto

# 16562 A Lichens Same  
date  
near # 16556: L data

# 16562 B Lichens etc ✓ ditto  
near # 16556

# 16562 C Lichens etc ✓ ditto  
# 16556

# 16562 D Lichens etc ✓ ditto  
# 16556

# 16562 E Lichens ✓ ditto  
near # 16556

# 16562 F Lichens  
Near # 16556 ditto

# 16562 G ✓ ditto  
Near # 16556



Mosses collected  
at 4550 ft. near road  
leading from Courtaigne  
to All N. area  
Oct 28, 1947 ✓  
H.A. Allard

16563  
16564 Mosses  
Near # 16563 ✓ ditto

16565 Mosses  
Near # 16563 ✓ ditto

16566 Mosses  
Near # 16563 ✓ ditto

16567 Mosses etc  
near # 16563 ✓ ditto

16568 Mosses  
Near # 16563 ditto

16569 Mosses, hepatics  
near # 16563 ✓

Mosses, hepatics Same  
near # 16563 date,  
data

16570 ✓

16571 Mosses etc  
near # 16563 ✓ ditto

16572 Mosses etc  
near # 16563 ✓ ditto

16573 Mosses etc  
near # 16563 ✓ ditto

16574 Mosses etc  
near # 16563 ✓ ditto

16575 Mosses etc  
near # 16563 ditto

16576 Mosses etc  
near # 16563 ✓ ditto

Lichens near road  
leading from Guatanga to  
Valle Nuevo Oct. 28  
✓ At 4550 feet ✓

16577 ✓ Lichens  
Near # 16577 ✓ ditto

16579 ✓ Lichens  
Near # 16577 ✓ ditto

16580 ✓ Lichens  
Near # 16577 ditto

16580a ✓ ditto ✓

16581 ✓ Lichens  
Near # 16577 ditto

16582 ✓ Lichens near  
# 16577 ✓ ditto

16583 ✓ Lichens  
Near # 16577 ✓ ditto

Lichens  
Near # 16577  
16584 ✓ ✓

16585 ✓ Lichens near  
# 16577 ✓ ditto

16586 ✓ Lichens near  
# 16577 ✓ ditto

16587 ✓ Lichens near  
# 16577 ✓ ditto

16588 ✓ Lichens near  
# 16577 ✓ ditto

16589 ✓ Lichens near  
# 16577 ✓ ditto

16590 ✓ Lichens  
Near 16577 ✓ ditto



16591

Lichens collected  
at 4550 ft on escarp road  
from Constanza to Valle  
Nueva. Oct 28, 1947  
H.A. Allard ✓

16592

Lichens ✓  
Near # 16591 ditto

16593

Mosses, hepatics ✓  
near # 16591 ✓ ditto

16594

Mosses etc ✓  
Near # 16591 ✓ ditto

16595

Mosses etc ✓  
Near # 16591 ✓ ditto

16596

Mosses etc ✓  
Near # 16591 ✓ ditto

16597

Lichens ✓  
Near # 16591 ✓ ditto

Lichens

Near # 16591

date,  
data,

16598

16599

Lichens ✓  
Near # 16591  
on pine trees  
at 4500 ft ditto

16600

Tillandsia  
on pines near  
# 16591: abundant, ditto

16601

Spring of tall, slender  
Gdax-like tree common  
planted in Ciudad Trujillo  
Oct. 31, 1947 H.A. Allard

16602

Leaves of Yucca with leaf spot  
Ciudad Trujillo Oct. 27, 1947  
H.A. Allard  
See photo! *Cyathodactylus* f.

16603

Mosses at base of trees, on  
logs, ground etc., in thickets  
on coral rock formation near  
Ciudad Trujillo Nov. 1, 47  
H.A. Allard

16604

Mosses etc, hepatics  
near # 16603 ✓ ditto  
and  
16604a ✓

Lichens etc on living wood  
near Ciudad Trujillo, Nov. 2 '47  
H.A. Allard

16605

16606

Lichens etc near  
# 16605

16607

Lichens near  
# 16605

16608

Lichens near  
# 16605

16609

Lichens near  
# 16605

16610

Hepatic  
near # 16605

16611

Lichens at base of  
young trees etc west of  
Ciudad Trujillo one mile  
on Coral Rock formation. Nov 3  
H.A. Allard

Mosses, hepatics  
Near # 16611

16612

16613

Mosses, hepatics  
near # 16611

16614

Mosses, hepatics  
near # 16611

16615

Mosses etc  
near # 16611

16616

Mosses etc  
near # 16611

16617

woody climbing vine  
fl. fragrant; white, small  
in spikes or racemes, yellow  
Near # 16611

16618

Hura crepitans - Sandpaper tree  
Janilla. fl. dark crimson  
Near # 16611

16618a

Rhysotheca

Same  
date  
data!



Clitoria - fl. very large, white  
Eardrops with standard white,  
centrally deep purplish red as  
16619 well as tips of wings and keel  
Habitat - Linderothia  
in thickets. Nov. 4. Visited by  
a large black butterfly.

16620 Lichen - mostly on  
Cashew (Cajuput tree) mostly  
of Linderothia - Nov. 4. V  
H. Allard

16621 Lichen on same  
tree near # 16620 V ditto

16622 Mosses on Cashew tree  
near # 16620 ditto

16623 Lichen bark  
on Poinciana near  
# 16620 - Lichen  
small, tinged yellow V ditto

16624 Lichen on Cashew  
tree near # 16620 V ditto

16625 Tall shrub - white  
Piedra de agua - near  
offences - Nov. 5.  
H. Allard

Legume - woody vine - fl. large very  
showy, crimson. In trail near  
# 16625 same date  
data

16626

16627 Low plant; lichen on leaves  
along Maimon River near  
Piedra de agua, in heavy wood V  
Nov. 5. 47.  
H. Allard

16628 On tree - top of 20 feet  
small yellowish  
Near # 16627 ditto

16629 Epiphyllum - fl. orange-red  
on tree near # 16627 ditto

16630 Lichen bark of tree  
climbing far up -  
Near # 16627 ditto

16631 Tree - paper - lichen  
on leaves  
Near # 16627 ditto

16632 Woody large-leaved  
aroid growing to top of tree  
near along Maimon River  
Nov. 5, 1947  
see photo Nov. 5, 1947 ditto

Mistletoe dangling from  
trees in quiet landscape along  
Main rd near Pinar del Rio  
192, 5, 1947

16633

✓ see photo 194, 5  
large, somewhat yellow  
white

16634

Prone to - narrow leaves  
in tree near # 16633

ditto

16635

✓ Lichens on # 16631  
on stone in # 16633

ditto

16636

Lichens on leaves (sp?)  
near # 16633

ditto

16637

Composite shrub in  
highway near Pinar del Rio  
fl. whitish

ditto

16638

Prone to - narrow leaves  
in trees near # 16633

ditto

16639

✓ Pinnate leaf leaves  
broader than in # 16638  
near # 16633 in tree

ditto

Prone to -  
bark near # 16633

Same date  
data

16640

16641

✓ Includ in tree near #  
16633, fl. greenish yellow

ditto

16642

✓ Lichens on leaves  
near # 16633

ditto

16643

✓ Lichens on leaves  
near 16633

ditto

16644

✓ Lichens on leaves  
near 16633

ditto

16645

✓ Lichens on leaves  
near 16633

ditto

16646

✓ Lichens on leaves  
near # 16633

ditto



16647 Lichens on leaves near  
# 16633 - along Maimon  
River near Piedra Blanca ✓  
Nov. 5, '47. H.S. Allard

16648 Lichens on leaves  
Near # 16647 ✓ ditto

16649 Lichens on leaves  
Near # 16647 ✓ ditto

16650 Lichens on leaves  
Near # 16647 ✓ ditto

16651 Lichens on leaves  
near # 16647 ✓ ditto

16652 Lichens on leaves -  
low herbaceous plants  
in woods along river  
Nov. 5 Near # 16647 ✓ ditto

16653 <sup>leaves</sup> On orange leaves  
near # 16647 ✓ ditto

16654 Hepaticae on mosses on  
large log across same  
tree with # 16653. ✓ Same date  
data etc.

16655 Long, slender red  
mosses growing on and  
near a unbranched tree ✓ ditto  
near # 16647 - 20-30 ft.  
above ground; no sun seen

16656 Branched, in tree  
near # 16647 ✓ ditto

16657 Branched, in tree near  
# 16647 ✓ ditto

16658 Leaf spot - sharp - good  
mfg. on leaf of *Quercus*? ✓ ditto  
Near # 16647

16659 Leaf spot onroid ✓ ditto  
# 16652 - near # 16647  
(thinking oroid)

16660 Mosses - hepaticae  
on tree, near # 16647 ✓ ditto

Mosses, hepaticae on logs  
trees along Maynon River near  
Piedra Blanca

16661

Nov. 5, 1947  
H. A. Ballard ✓

16662

Mosses, hepaticae  
near # 16661 ✓ ditto

16663

Mosses, hepaticae  
near # 16661 ✓ ditto

16664

Mosses, hepaticae  
near # 16661 ✓ ditto

16665

Mosses, hepaticae  
Near # 16661 ✓ ditto

16666

Mosses, hepaticae  
Near # 16661 ✓ ditto

16667

Mosses, hepaticae  
near # 16661 ✓ ditto

Mosses, hepaticae  
on logs, trees near  
# 16661

16668

Same  
date  
data

16668 ~~16668~~ ~~16668~~  
Mosses, hepaticae  
near # 16661 ✓

16669

Mosses, hepaticae  
near # 16661 ✓ ditto

16670

Mosses, hepaticae  
near # 16661 ✓ ditto

16671

Mosses, hepaticae  
near # 16661 ✓ ditto

16672

Mosses, hepaticae  
near # 16661 ✓ ditto

16673

Mosses, hepaticae  
near # 16661 ✓ ditto

16674

Mosses, hepaticae  
near # 16661 ✓ ditto



16675

Mosses, hepatic in logs, trees  
along Maimore River near Piedra  
Blanca Nov. 5, 1947  
H.A. Allard

✓

16676

Mosses, hepatic  
near # 16675

ditto

16677

Mosses, hepatic  
near # 16675

ditto

16678

Mosses, hepatic  
near # 16675

ditto

16679

Mosses, hepatic  
near # 16675

ditto

16680

Mosses, hepatic  
near # 16675

ditto

16681

Mosses, hepatic  
near # 16675

ditto

16682

Mosses, hepatic  
near # 16675

L

same  
date  
data

16683

Mosses, hepatic  
near # 16675

ditto

16684

Mosses, hepatic  
near # 16675

ditto

16685

Mosses, hepatic  
near # 16675

ditto

16686

Mosses, hepatic  
near # 16675

ditto

16687

Mosses, hepatic  
near # 16675

ditto

16688

Mosses hepatic  
near # 16675

ditto

Mosses, hepatic  
collected on stump, logs, bark  
along Mainstem River near  
16689 Nov. 5, 1947. H. Allen

16690 Mosses, hepatic  
near # 16689 ✓ ditto

16691 Mosses, hepatic  
near # 16689 ✓ ditto

16692 Mosses, hepatic  
near # 16689 ✓ ditto

16693 Mosses, hepatic  
near # 16689 ✓ ditto

16694 Mosses, hepatic  
near # 16689 ✓ ditto

16695 Mosses, hepatic  
near # 16689 ✓ ditto

Mosses, hepatic  
near # 16689 ✓ same  
date  
data

16696 16696a lichen ✓

16697 Mosses, hepatic  
near # 16689 ✓ ditto

16698 Mosses, hepatic  
near # 16689 ✓ ditto

16699 Mosses, hepatic  
near # 16689 ditto

16700 Mosses, hepatic  
near # 16689 ✓ ditto

16701 Mosses, hepatic  
near # 16689 ✓ ditto  
16701a fern ✓

16702 Mosses, hepatic  
near # 16689 ✓ ditto

~~767~~



16703

Mosses, hepatics  
logs, snags, trees etc  
along Haimous River near  
La Brea Blanca  
Nov. 5. 1917  
T. A. C. H. A. D.

✓

16704

Mosses, hepatics

near # 16703

✓

ditto

16705

Mosses, hepatics

near # 16703

✓

ditto

16706

Mosses, hepatics

near # 16703

✓

ditto

16707

Mosses hepatics

near # 16703

✓

ditto

16708

Mosses, hepatics

near # 16703

✓

ditto

16709

Mosses, hepatics

near # 16703

✓

ditto

16710

Mosses, hepatics  
Near # 16703

same  
data  
data

16711

Lichens on  
snags etc

near # 16703

✓

ditto

16711a

16712

Lichens

with # 16703

✓

ditto

16713

Lichens

with # 16703

✓

ditto

16714

Lichens

with # 16703

✓

ditto

16715

Lichens

with # 16703

✓

ditto

16716

Lichens

with # 16703

✓

ditto

16717

Lichens on  
large, craggy rock  
along Chamon River near  
Piedra Blanca May 5, 1947  
H.S. Gentry

16718

Lichens  
near # 16717 ✓ ditto

16719

Lichens on tree  
near # 16717 ✓ ditto

16720

Lichens  
near # 16717 ✓ ditto

16721

Lichens  
near # 16717 ✓ ditto

16722

Mosses, Lichens  
near # 16717 ✓ ditto

16723

Mosses on rocks  
near Piedra Blanca ✓  
in road cut May 5, 1947  
H.S. Gentry

16724

Mosses on rocks +  
soil with # 16723 ✓  
Same date  
date

16725

Lichens on craggy  
soil near # 16723 ✓ ditto

16726

Mosses, Lichens  
on large boulders  
and rocks ✓ ditto  
near # 16723

16727

Bryophytes  
on tree near # 16723 ✓ ditto

16728

Fig tree planted in Ciudad  
Trujillo - on Avenida Bolívar  
etc. see photo. Nov. 7, 1947  
H.S. Gentry  
Has to be rigidly pruned

16729

fruit greenish yellow  
purple  
Hepaticas etc  
on bank of river west of  
Ciudad Trujillo, Nov. 8,  
H.S. Gentry

16730

Lichens etc  
on young trees  
near # 16729 ✓ ditto



16731

Lichens on young  
trees in thickets near  
Cindad Trujillo Nov. 8  
H. A. O. Clark

✓

16732

Lichens near # 16731 ditto  
✓

16733

Lichens near # 16731 ditto  
✓

16734

Lichens near # 16731 ditto  
✓

16735

Lichens near # 16731 ditto  
✓

16736

Lichens near # 16731 ditto  
✓

16737

Lichens near  
# 16731 ✓ ditto

Bad weed in lawn, at  
Cindad Trujillo Nov. 8

16738

Low, fine leaved mats  
days thick green  
✓ Euphorbia

16739

Composites in water,  
small yellow flowers  
Very bad as dense mats  
Near # 16739 ditto

16740

Low, matted plant  
leaves in tiny leaves close  
to stem # 16739 ditto

16741

Rubiac. - matted,  
ascending plant. Very persistent  
in lawn where it  
grows. Near # 16738 ditto

16742

Euphorbia  
Matted in lawn  
Very bad lawn.  
Near # 16738 ditto

16743

Sensitive plant  
Very good in lawn and  
gardens. Near # 16738

16744

~~Pl.~~ Pink rose fl.  
Vinca, green wild  
near La Vega in dry  
banks - Cindad Trujillo  
Nov. 8 ditto

16745

Piper - Colonia Ranchar  
at 2200 ft, Nov. 8, 1947  
H. Allard, D. M. S. W.

16746

Pilea - near 16745 ditto

16747

Broussonetia frutescens  
H. Allard # 16745 Nov 8 ditto

16748

Chlorophytum - fr. cream  
with some purple on  
clouded end only, near # 16745  
Nov 8 ditto

16749

From sample of from  
tree stump  
near # 16745 ditto

16750

H. small, white.  
near # 16745 ditto

16751

Pilea on bank  
near # 16745 ditto

16752

Compositae - at Colonia  
Ranchar in pasture  
at 2200 feet  
Nov 8  
H. Allard, D. M. S. W.

16753

Pilea - fr. green  
in thin soil on rock.  
near # 16752 ditto

16754

Moss on rock  
near # 16753 ditto

16755

Cyperaceae  
In pasture near  
# 16752 ditto

16756

Compositae - white fl  
near # 16752 ditto

16757

Malvaceae  
fl. pink.  
with # 16752 ditto

16758

Very slender plant  
small, white fl; Conyza sp. leaves 2.  
near # 16752 ditto



16759

Shrub - small fl.  
 Colonia Parícuta  
 at 2200 ft  
 Nov. 8, 1947  
 H.A. Allard

16760

Herbaceous  
 Red, shiny leaves  
 near # 16759

ditto

16761

Andropogon bicolor  
 near # 16759

ditto

16762

Equisetum (small) in rock  
 with grasses  
 near # 16759

ditto

16763

Herb on rock  
 near # 16759

✓

ditto

16764

Mosses, hepaticae  
 near # 16759

✓

ditto

16765

Mosses, hepaticae  
 near # 16759

✓

ditto

16766

✓ moss etc  
 with # 16763

same  
 date  
 data

16767

Mosses etc  
 near # 16763

✓ ditto

16768

Mosses etc  
 with # 16763

✓

ditto

16769

Mosses etc  
 with # 16763

✓

ditto

16770

Shrub - fl. white  
 3-4 ft. west of  
 Ciudad Trujillo  
 Nov. 9, 1947 H.A. Allard

ditto

16771

Male ~~and~~  
 flowers of Vanilla  
 west of Ciudad Trujillo  
 Nov. 9 H.A. Allard

16772

Lichen on rock west of  
 Ciudad Trujillo on rock  
 formation Nov. 10, 1947  
 H.A. Allard

Mosses, hepatic on trees  
west of Cindred Trail  
16773 on Coral rock formation  
Nov 10, 1947

16773a Lichens ✓  
H. S. Clark ✓

16774 Lichens  
Near # 16773 ✓ ditto

16775 Hepatic  
Near # 16773 ✓ ditto

16776 Lichens  
near # 16773 ✓ ditto

16777 Hepatic  
near # 16773 ✓ ditto

16778 Lichens  
near # 16773 ✓ ditto

16779 Lichens  
near # 16773 ✓ ditto

Mosses, hepatic  
with # 16773  
or near by.

16780 ✓ Same date data

16781 Lichens  
Near # 16773 ✓ ditto

16782 Lichens  
Near # 16773 ✓ ditto

16783 Lichens on stakes  
Near # 16773 ✓ ditto

16784 Moss  
At base of tree  
near # 16773 ✓ ditto

16785 Lichens  
Near # 16773 ✓ ditto

16786 Lichens  
Near # 16773 ✓ ditto



16787

Lichens on trees  
West of Ciudad Trujillo, MORRIS  
on coral rocks from station  
on island

✓

16788

Lichens  
Near # 16787

✓

ditto

16789

Hepaticae etc

near # 16787

✓

ditto

16789a

Lichens ✓

16790

Hepaticae etc

near # 16787

✓

ditto

16790a

Lichens ✓

16791

Lichens

Near # 16787

✓

ditto

16792

Hepaticae, mosses

Near # 16787

✓

ditto

16793

Lichens

Near # 16787

✓

ditto

16794

Lichens  
Near # 16787

same date  
data

16795

Lichens, mosses

Near # 16787

✓

ditto

16796

Hepaticae, mosses

Near # 16787

✓

ditto

16797

Lichens

Near # 16787

✓

ditto

16798

Hepaticae, etc

Near # 16787

✓

ditto

16799

Lichens etc

Near # 16787

✓

ditto

16800

Lichens

Near # 16787

✓

ditto

16801

Lichens  
on trees west of Cindady  
troughs on top of rock  
formation Nov. 10, 1947  
H. S. G. Island

16802

Reflex & masses  
on trees near # 16801

16803

Lichens  
Near # 16801

16804

Lichens  
Near # 16801

16805

Lichens  
Near # 16801

16806

Thromosa on west  
fl. blue, small, very  
blanched, Near # 16801

16807

Thromosa  
drinking on shrubs  
fl. large mass.  
Near # 16801

16808

Thromosa Thymochrysis  
fl. purple - very abundant  
Near # 16801

16809

Lichens on rock  
near # 16801

16810

Lichens on top  
branches of large tree  
Hura crepitans  
west of Cindady Trough  
Nov. 11, 1947 H. S. G. Island

16811

Lichens  
with # 16810

16812

Lichens  
with # 16810

16813

Lichens  
with # 16810

16814

Lichens  
with # 16810

ditto

ditto

ditto

ditto

ditto

ditto

ditto

ditto

ditto

ditto

ditto



16815

Fishbone on top of  
 a large tree  
 west of Ciudad Trujillo  
 Nov. 11, 1947  
 No. 11, 1947  
 all on same tree as #16810

16816

with # 16815 ✓ ditto

16817

with # 16815 ✓ ditto

16818

Bamboo on top of  
 a large tree  
 west of Ciudad Trujillo  
 Nov. 11, 1947  
 all on same tree as #16810

16819

with # 16815 ✓ ditto

16820

with # 16815 ✓ ditto

16821

with # 16815 ✓ ditto

16822

on top of a large tree  
 west of Ciudad Trujillo  
 Nov. 11, 1947  
 all on same tree as #16810

16823

with # 16815 ✓ ditto

16824

with # 16815 ✓ ditto

16825

with # 16815 ✓ ditto

16826

with # 16815 ✓ ditto

16827

with # 16815 ✓ ditto

16828

with # 16815 ✓ ditto

Lichens on trees in a region  
out of Ridge Blana and the  
middle of the river, near Goodrich  
16829 rubbery moss, Nov 12,  
H. A. Allard ✓

16830 Lichens on trees  
near # 16829 ✓ ditto

16831 Lichens on trees  
near # 16829 ✓ ditto

16832 Lichens on trees  
near # 16829 ✓ ditto

16833 Lichens on trees  
near # 16829 ✓ ditto

16834 Lichens on trees  
near # 16829 ✓ ditto

16835 Lichens on trees  
near # 16829 ✓ ditto

Lichens on trees etc. Oct 12,  
near # 16829 H. A. Allard

16836 ✓

16837 Lichens on trees  
near # 16829 ✓ ditto

16838 Lichens on trees etc.  
near # 16829 ✓ ditto

16839 Lichens on trees etc.  
near # 16829 ✓ ditto

16840 Lichens on trees etc.  
near # 16829 ✓ ditto

16841 Lichens on trees etc.  
near # 16829 ✓ ditto

16842 Lichens on trees etc.  
near # 16829 ✓ ditto



16843

Lichens on trees etc  
in spruce near Woodchuck  
Butter boxes, Pichia Blaua  
Nov 12 H. S. Allen

✓

16844

Lichens on trees  
etc near # 16843 ✓ ditto

16845

Lichens on trees  
etc near # 16843 ✓ ditto

16846

Lichens on trees  
etc near # 16843 ditto

16847

Lichens on trees etc  
near # 16843 ✓ ditto

16848

Lichens on trees etc  
near # 16843 ✓ ditto

16849

Lichens on trees etc  
near # 16843 ✓ ditto

Lichens on trees  
near # 16843

16850

✓

Nov 12  
H. S. Allen

16851

Lichens on trees etc  
near # 16843 ✓ ditto

16852

Lichens on trees etc  
near # 16843 ✓ ditto

16853

Lichens on trees etc  
near # 16843 ditto

16854

Lichens on trees etc  
near # 16843 ✓ ditto

16855

Lichens on trees  
etc near # 16843 ✓ ditto

16855, a  
✓

16856

Lichens on trees  
etc near # 16843 ✓ ditto

Lichens on trees etc  
mosses near Goodrich  
Rubber groves at Pichia  
16857 Blanca Nov. 12. 17  
H.A. Allard

✓

16858 Lichens on trees  
near # 16857

✓

16859 Lichens on trees  
near # 16857

✓

16860 Lichens on trees near  
# 16857

✓

16861 Lichens on trees near  
# 16857

✓

16862 Lichens on trees  
near # 16857

✓

16863 Lichens on trees  
near # 16857

✓

Lichens on trees  
near # 16857

16864

✓

16865 Lichens on trees  
near # 16857

✓

ditto

16866 Mosses etc  
on trees and soil  
Near # 16857

✓

ditto

16867 Mosses, hepatics  
on trees etc near  
# 16857

✓

ditto

16868 Mosses, hepatics  
near # 16857

✓

ditto

16869 Mosses, hepatics  
near # 16857

✓

ditto

16870 Mosses, hepatics  
near # 16857

✓

ditto

16870 a lichen ✓



Mosses, hepaticae  
on trees etc. in woods near  
16871 *Andropogon furcatus*  
at Piedra Nov 12, 1917  
H. A. Allard ✓

16872 Mosses, hepaticae  
near # 16871 ✓ ditto

16873 Mosses, hepaticae  
near # 16871 ✓ ditto

16874 Mosses, hepaticae  
near # 16871 ✓ ditto

16875 Mosses, hepaticae  
near # 16871 ✓ ditto

16876 Mosses, hepaticae  
near # 16871 ✓ ditto

16877 Mosses hepaticae  
near # 16871 ✓ ditto

Leaf spots on  
*Andropogon furcatus*  
16878 *Colletes parviflorus*  
Nov 8, 1917  
H. A. Allard

16879 Mosses hepaticae Nov 12  
near # 16871 ✓ H. A. Allard

16880 Mosses hepaticae  
near # 16871 ✓

16881 Mosses hepaticae  
near # 16871 ✓

16882 Mosses hepaticae  
near # 16871 ✓

16883 Mosses, hepaticae  
near # 16871 ✓

16884 Mosses, hepaticae ✓  
near # 16871

Mosses and hepatics on  
 trees etc., large in arroyos  
 near Goodrich rubber grove  
 Piedra Blanca - about 2500 ft.,  
 Nov. 12, 1947  
 H. A. Allard

16885

16886

Mosses and hepatics  
 near # 16885

ditto

16887

Mosses and hepatics  
 near # 16885

ditto

16888

Mosses and hepatics  
 near # 16885

ditto

16889

Mosses and hepatics  
 near # 16885

ditto

16890

Mosses and hepatics  
 near # 16885

ditto

16891

Mosses and hepatics  
 near # 16885

ditto

Mosses and hepatics  
 near # 16885

Nov. 12, '47  
 H. A. Allard

16892

16893

Mosses and hepatics  
 near # 16885

ditto

16893a

lichen

16894

Mosses, hepatics  
 near # 16885

ditto

16895

Mosses, hepatics  
 near # 16885

ditto

16896

Mosses, hepatics  
 near # 16885

ditto

16897

Mosses, hepatics  
 near # 16885

ditto

16898

Mosses, hepatics  
 near # 16885

ditto



16899

Mosses, hepatic  
collected near Goodrich rubber  
grove near Piedra Blanca,  
Nov 12, 47 in canyon  
H. A. Allard

16900

Mosses, hepatic  
near # 16899

✓

16901

Mosses, hepatic  
near # 16899

✓

16902

Mosses, hepatic  
near # 16899

✓

16903

Mosses, hepatic  
near # 16899

16904

Mosses, hepatic  
near # 16899

✓

16905

Mosses, hepatic  
near # 16899

✓

16906

Mosses, hepatic  
near # 16899

✓

Nov 12, 47  
H. A. Allard

16907

Mosses, hepatic  
near # 16899

✓

ditto

16908

Mosses, hepatic  
near # 16899

✓

ditto

16909

Mosses, hepatic  
near # 16899

✓

ditto

16910

Mosses, hepatic  
near # 16899

✓

ditto

16911

Mosses, hepatic  
near # 16899

✓

ditto

16912

Mosses, hepatic  
near # 16899

✓

ditto

Mosses, hepatic, collected  
in groups near Goodrich rubber  
grove near Cedar Rapids  
16913 200-375 ft. elev.  
Nov. 12, 1947  
H.A. Allard ✓

16914 Mosses, hepatic  
near # 16913 ✓ ditto

16915 Mosses, hepatic  
near # 16913 ✓ ditto

16916 Mosses, hepatic  
near # 16913 ✓ ditto

16917 Mosses, hepatic  
near # 16913 ✓ ditto

16918 Mosses, hepatic  
near # 16913 ✓ ditto

16919 Mosses, hepatic  
near # 16913 ✓ ditto

Mosses, hepatic  
near # 16913 Nov. 12, 47  
H.A. Allard

16920 ✓

16921 Mosses, hepatic  
near # 16913 ✓ ditto

16922 Mosses, hepatic  
near # 16913 ✓ ditto

16923 Mosses, hepatic  
near # 16913 ✓ ditto

16924 Mosses, hepatic  
near # 16913 ✓ ditto

16925 Mosses, hepatic  
near # 16913 ✓ ditto

16926 Mosses, hepatic  
near # 16913 ✓ ditto



Mosses, hepatic in arroyo  
near Goodrich Rafter zone near  
Piedra Blanca at 350-375 ft.  
16927 alt. Nov. 12, 47. H.A. Island

✓

16928

Mosses, hepatic  
near # 16927

✓

ditto

16929

Mosses, hepatic  
near # 16927

✓

ditto

16930

Mosses, hepatic  
near 16927

✓

ditto

16931

Mosses, hepatic  
near # 16927

✓

ditto

16932

Mosses, hepatic  
near # 16927

✓

ditto

16933

Mosses, hepatic  
near # 16927

✓

ditto

Mosses, hepatic  
near # 16927

Nov. 12  
H.A. Island

16934

✓

16935

Mosses, hepatic  
near # 16927

✓

ditto

16936

Mosses, hepatic  
near # 16927

✓

ditto

16937

Mosses, hepatic  
near # 16927

✓

ditto

16938

Mosses, hepatic  
near # 16927

✓

ditto

16939

Mosses, hepatic  
near # 16927

✓

ditto

16940

Mosses, hepatic  
near # 16927

✓

ditto

Mosses, hepatic  
in mossy near Goodrich, rubber  
tree at 350-375 ft. near  
16941 Piedra Blanca Nov. 12, '47  
H.A. Allard ✓

16942 Mosses, hepatic  
near # 16941 ✓ ditto

16943 Mosses, hepatic  
near # 16941 ✓ ditto

16944 Mosses, hepatic  
near # 16941 ✓ ditto

16945 Mosses, hepatic  
near # 16941 ✓ ditto

16946 Mosses, hepatic  
near # 16941 ✓ ditto

16947 a large mass of hepatic  
dying but - mapping into leaves  
till the moss appears brown in  
mosses there spread to several  
times their size and are much  
beautiful. near # 16941 ✓ ditto

Mosses, hepatic Nov. 12  
near # 16941 H.A. Allard

16948 ✓

16949 Mosses, hepatic  
near # 16941 ✓ ditto

16950 Mosses, hepatic  
near # 16941 ✓ ditto

16951 Mosses, hepatic  
near # 16941 ✓ ditto

16952 Mosses, hepatic  
near # 16941 ✓ ditto

16953 Mosses, hepatic ✓ ditto  
and  
16953a ✓

16954 Mosses, hepatic ✓ ditto  
near # 16941



Mones, hepaticus  
in arroyo on trees etc. near  
Goodrich rubber grove  
16955 at 350-375 ft. near Piedra Blanca,  
Nov. 12, H. A. Allard

16956 Mones, hepaticus  
near # 16955 ditto

16957 Mones, hepaticus  
near # 16955 ditto

16958 Mones, hepaticus  
near # 16955 ditto

16959 Mones, hepaticus  
near # 16955 ditto

16960 Mones, hepaticus  
near # 16955 ditto

16961 Mones, hepaticus  
near # 16955 ditto

Mones, hepaticus  
in arroyo, on trees, logs etc.  
near Goodrich rubber grove, ✓  
16962 at alt. 350, 375 ft. alt.  
and Nov. 12, 47. H. A. Allard  
16962a

16963 Mones, hepaticus  
near # 16962 ditto

16964 Mones, hepaticus  
near # 16962 ditto

16965 Mones, hepaticus  
near # 16962 ditto

16966 Mones, hepaticus  
near # 16962 ditto

16967 Mones, hepaticus  
near # 16962 ditto

16968 Mones, hepaticus  
near # 16962 ditto

Mosses, hepatic, in arroyo on  
tree logs, near Hydroch.  
near grass, at alt. 350-375 ft.  
16969 near Piedra Blanca,

16970 Mosses, hepatic  
near # 16969 ✓ ditto

16971 Mosses, hepatic  
near # 16969 ✓ ditto

16972 Mosses, hepatic  
near # 16969 ✓ ditto

16973 Mosses, hepatic  
near # 16969 ✓ ditto

16974 Mosses, hepatic  
near # 16969 ✓ ditto

16975 Mosses, hepatic  
near # 16969 ✓ ditto

Mosses, hepatic Nov, 12  
near # 16969 H.A. Allard

16976

16977 Mosses, hepatic  
near # 16969 ✓ ditto

16978 Mosses, hepatic  
near # 16969 ✓ ditto

16979 Mosses, hepatic  
near # 16969 ✓ ditto

16980 Mosses, hepatic  
near # 16969 ✓ ditto

16981 Mosses, hepatic  
near # 16969 ✓ ditto

16982 Mosses, hepatic  
near # 16969 ✓ ditto



Mosses, hepatic on trees, logs, near  
roughish rubber grove, in arroyo;  
at alt. 350-375 ft; near Piedra  
Blanca. Nov. 12, H.A. Allard

16983

16984

Mosses, hepatic  
near # 16983

16985

Mosses, hepatic  
near # 16983

16986

Mosses, hepatic  
near # 16983

16987

Mosses, hepatic  
near # 16983

16988

Mosses, hepatic  
near # 16983

16989

Mosses, hepatic  
near # 16983

Mosses, hepatic  
near # 16983

16990

16991

Mosses, hepatic  
near # 16983

16992

Mosses, hepatic  
near # 16983

16993

Mosses, hepatic  
near # 16983

16994

Mosses, hepatic  
near # 16983

16995

Mosses, hepatic  
near # 16983

16996

Mosses, hepatic  
near # 16983

Nov. 12

H.A. Allard

ditto

ditto

ditto

ditto

ditto

ditto

17000  
15688  
1312

Mosses, hepatic in arroyo  
near Goodrich rubber grove

16997 at alt. 350-375 ft ✓  
near Piedra Blanca  
Nov, 12, 1947. H. A. Allard

16998 Mosses, hepatic ✓ ditto  
near # 16997 ✓

16999 Mosses, hepatic ✓ ditto  
near # 16997 ✓

169

169

169

169



